

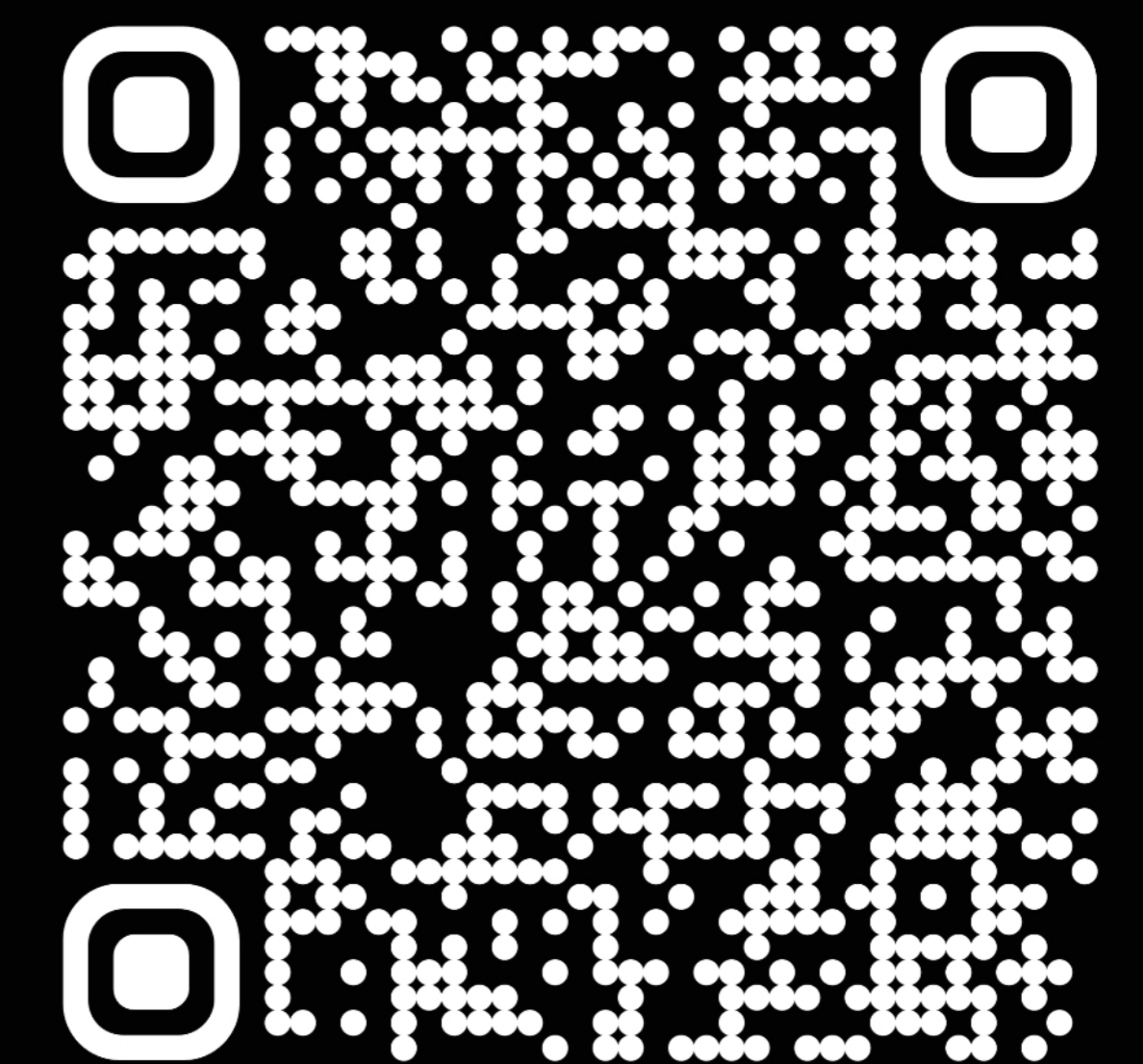
Finally, Murphy can shine!

Great job! You solved all the riddles and discovered the missing ingredient that makes Murphy's wings shine. Thanks to your help, Murphy dazzled everyone at the Grand Butterfly Party and won first prize for his colorful wings!

But what was the secret?

The color on Murphy's wings is called **structural color**. The color does not come from pigments or dyes, but from the way light interacts with tiny structures. It is the same reason why soap bubbles, peacock feathers, and some beetles shimmer with brilliant colors.

Try it out in our mobile lab or watch us on "Die Sendung mit der Maus"!



Want to know how the messages were encrypted?
Ask us for the explanation cards.

