

Converting Colors

Hex(04209B)

Have a look what the booklet for
Hex(04209B) contains.

| | |
|------------------------------------------------|----|
| Hex(04209B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(04209B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 04209B |
| RGB | 4, 32, 155 |
| RGB Percent | 2%, 13%, 61% |
| CMY | 0.9843, 0.8745, 0.3922 |
| CMYK | 0.97, 0.79, 0.00, 0.39 |
| HSL | 229°, 95%, 31% |
| HSV | 229°, 97%, 61% |
| XYZ | 6.4830, 3.4254, 31.3298 |
| YIQ | 37.6500, -56.1710, 32.3170 |

Conversions

Conversions Part 2

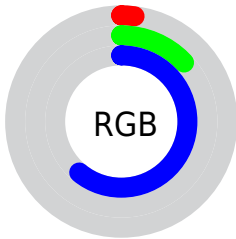
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 4, 28, 155 |
| Decimal | 270491 |
| CIE _{Lab} | 21.67, 41.91, -67.08 |
| CIE _{LCh} | 22, 79.098, 301.993 |
| Yxy | 3.4254, 0.1572, 0.0831 |
| Android (android.graphics.Color) | 4278460571 (0xFF04209B) |
| YUV | 37.6500, 57.8535, -29.5111 |
| Hunter-Lab | 18.5078, 30.1369, -87.4100 |

Details

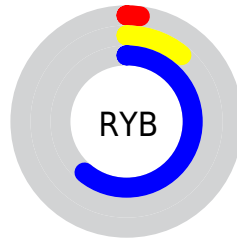
The Hex color **04209B** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9B7F04**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5A4ED3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **001D9B**, and if you desaturate by 10%, it is **142D9B**.

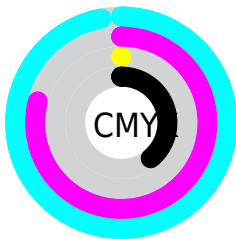
Distribution



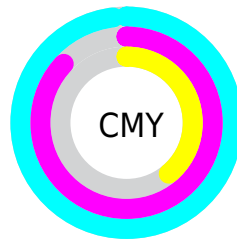
- Red (2%)
- Green (13%)
- Blue (61%)



- Red (2%)
- Yellow (11%)
- Blue (61%)



- Cyan (97%)
- Magenta (79%)
- Yellow (0%)
- Black (39%)



- Cyan (98%)
- Magenta (87%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04209B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 04209B by changing the saturation by 10% instead.

 04209B

 04209B

FFFFFF

 000A80

 5A4ED3

 000066

 7866F0

 00054D

 9680FF

 000535

 B49AFF

 00021F

 D1B5FF

 000002

 F0D1FF

 000000

 FFEDFF

 04209B

 04209B

■ 001D9B

■ 142D9B

■ 23399B

■ 33469B

■ 42539B

■ 525F9B

■ 616C9B

■ 71789B

■ 80859B

■ 90929B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003EAE



04209B



77006C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



04209B



6A1100



004737

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



04209B



9B7F04

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004500



04209B



3E3400

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



04209B



880000



004000



004872

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



04209B



8C0046



004000



004622

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



04209B



8F9AC9



049B7D



424966



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



04209B



0025C9



31049B



45464D



001A8C



00020D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9B0420



C90025



6E9B04



4D4546



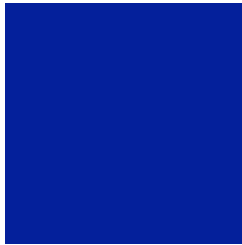
8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 04209B looks on a white background.

Color Contrast Check

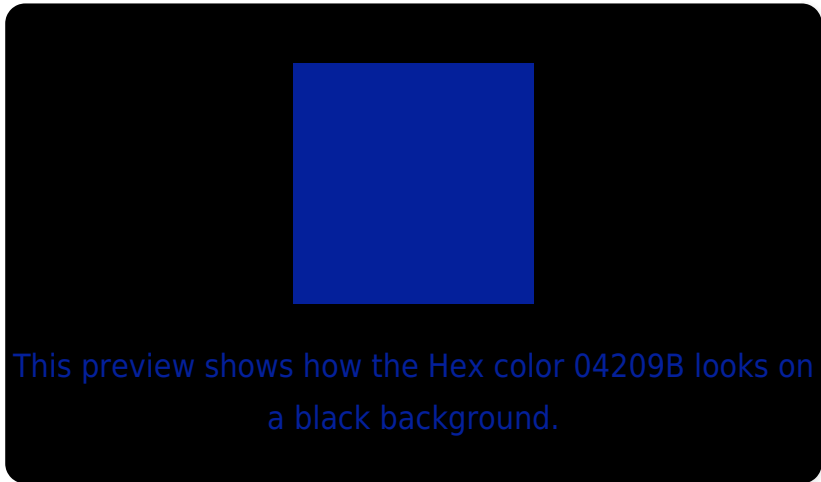
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

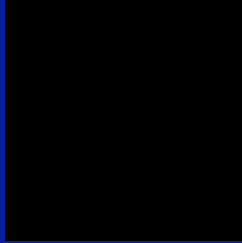
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 04209B Background



This preview shows how black text looks on a background with the Hex color 04209B.



This preview shows how white text looks on a background with the Hex color 04209B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
04209B

Protanopia
00336B

Deuteranopia
00375B



Tritanopia
003B3E

Trichromacy



Original Color
04209B

Protanomaly
012C7C

Deuteranomaly
012F72

Tritanomaly
013160

Monochromacy



Original Color
04209B

Achromatopsia
262626

Achromatomaly
1A2451

CSS Examples

Text

The CSS property to change the color of the text to Hex 04209B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #04209B looks like.

```
.text, #text, p{  
    color:#04209B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #04209B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04209B
}
```

Border

The CSS property to change the border of an element to Hex 04209B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#04209B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#04209B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #04209B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04209B; -webkit-box-shadow:4px 4px  
4px 4px #04209B; box-shadow:4px 4px 4px  
4px #04209B }
```

Background

The CSS property to change the background color of an element to Hex 04209B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04209B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#04209B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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