

Converting Colors

Hex(5004B3)

Have a look what the booklet for
Hex(5004B3) contains.

Hex(5004B3)	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(5004B3)

Conversions

Conversions Part 1

Format	Color
Hex	5004B3
RGB	80, 4, 179
RGB Percent	31%, 2%, 70%
CMY	0.6863, 0.9843, 0.2980
CMYK	0.55, 0.98, 0.00, 0.30
HSL	266°, 96%, 36%
HSV	266°, 98%, 70%
XYZ	11.4884, 5.0470, 43.0165
YIQ	46.6740, -10.8790, 70.5370

Conversions

Conversions Part 2

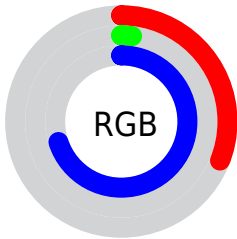
Format	Color
R_{YB}	80, 4, 179
Decimal	5244083
CIE _{Lab}	26.87, 62.44, -72.84
CIE _{LCh}	27, 95.941, 310.603
Yxy	5.0470, 0.1929, 0.0847
Android (android.graphics.Color)	4283434163 (0xFF5004B3)
YUV	46.6740, 65.2367, 29.2269
Hunter-Lab	22.4655, 51.9665, -97.8015

Details

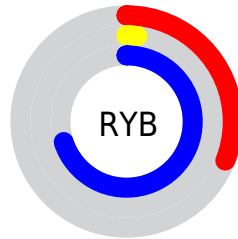
The Hex color **5004B3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **67B304**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **8D45EC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **4E00B3**, and if you desaturate by 10%, it is **5A16B3**.

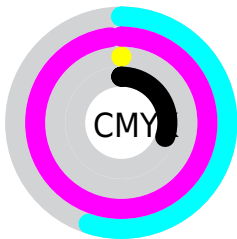
Distribution



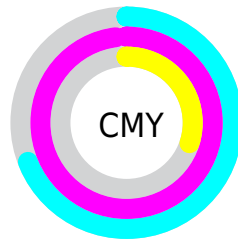
- Red (31%)
- Green (2%)
- Blue (70%)



- Red (31%)
- Yellow (2%)
- Blue (70%)



- Cyan (55%)
- Magenta (98%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (98%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5004B3 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 5004B3 by changing the saturation by 10% instead.

5004B3

5004B3

FFFFFF

2E0097

8D45EC

00007D

AA60FF

000063

C87AFF

00044A

E696FF

000432

FFB2FF

00021C

FFCEFF

000000

FFEBFF

5004B3

5004B3

■ 4E00B3

■ 5A16B3

■ 6428B3

■ 6E3AB3

■ 794CB3

■ 835EB3

■ 8D6FB3

■ 9781B3

■ A193B3

■ ABA5B3

Harmonies

Analogous

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



0046D7



5004B3



A10072

Triad

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



5004B3



732600



005659

Complementary

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



5004B3



67B304

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.



005402



5004B3



364500

Square

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



5004B3



9E0000



005000



0058A1

Rectangle

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



5004B3



B10042



005000



00563F

Sweetspot

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



5004B3



C2A5E8



0467B3



5E4C75



F5F5F5



757575

Same Dimension

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



5004B3



6500E8



A704B3



545059



420099



0B001A

Inverse Universe

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



B30467



E80083



10B304



595055



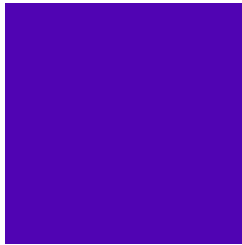
990057



1A000E

Previews

White Background



This preview shows how the Hex color 5004B3 looks on a white background.

Color Contrast Check

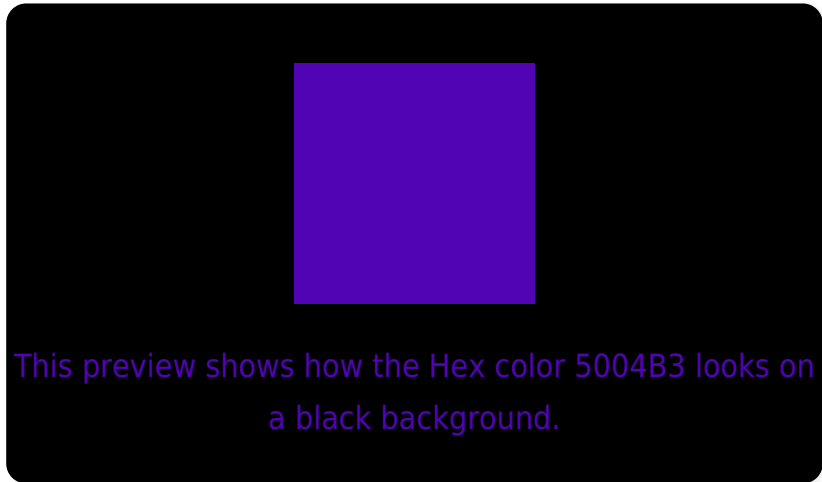
Large Text (above 18pt) WCAG AA ✓ Pass

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

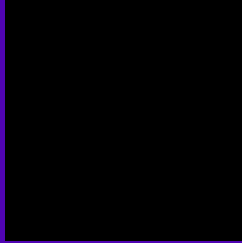
Any Text WCAG AA × Fail

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 5004B3 Background



This preview shows how black text looks on a background with the Hex color 5004B3.



This preview shows how white text looks on a background with the Hex color 5004B3.

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
5004B3

Protanopia
003F85

Deuteranopia
004472



Tritanopia
2C464B

Trichromacy



Original Color
5004B3

Protanomaly
1D2A96

Deuteranomaly
1D2D8A

Tritanomaly
392E71

Monochromacy



Original Color
5004B3

Achromatopsia
2F2F2F

Achromatomaly
3B1F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5004B3 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 #5004B3 looks like.

```
.text, #text, p{  
    color:#5004B3  
}
```

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 #5004B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5004B3
}
```

Border

The CSS property to change the border of an element to Hex 5004B3 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
#5004B3 }
```

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

```
.border{ border-color:#5004B3 }
```

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

Here you see how a box with a 4 pixel #5004B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5004B3; -webkit-box-shadow:4px 4px  
4px 4px #5004B3; box-shadow:4px 4px 4px  
4px #5004B3 }
```

Background

The CSS property to change the background color of an element to Hex 5004B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5004B3 }
```

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

```
.background{ background-color:#5004B3 }
```

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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