

Converting Colors

Hex(0505C2)

Have a look what the booklet for
Hex(0505C2) contains.

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Color

Hex(0505C2)

Conversions

Conversions Part 1

Format	Color
Hex	0505C2
RGB	5, 5, 194
RGB Percent	2%, 2%, 76%
CMY	0.9804, 0.9804, 0.2392
CMYK	0.97, 0.97, 0.00, 0.24
HSL	240°, 95%, 39%
HSV	240°, 97%, 76%
XYZ	9.8545, 4.0358, 51.2985
YIQ	26.5460, -60.6690, 58.7790

Conversions

Conversions Part 2

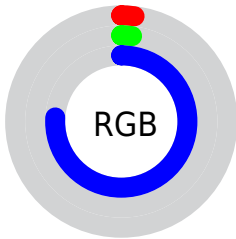
Format	Color
RYB	5, 5, 194
Decimal	329154
CIELab	23.79, 63.39, -87.02
CIELCh	24, 107.659, 306.069
Yxy	4.0358, 0.1512, 0.0619
Android (android.graphics.Color)	4278519234 (0xFF0505C2)
YUV	26.5460, 82.5548, -18.8958
Hunter-Lab	20.0894, 52.4031, -137.3350

Details

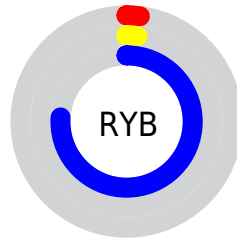
The Hex color **0505C2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C2C205**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6840FC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **0000C2**, and if you desaturate by 10%, it is **1818C2**.

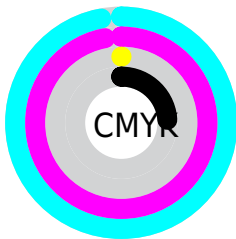
Distribution



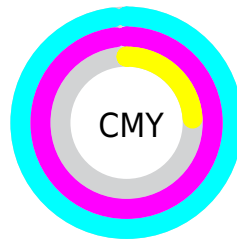
- Red (2%)
- Green (2%)
- Blue (76%)



- Red (2%)
- Yellow (2%)
- Blue (76%)



- Cyan (97%)
- Magenta (97%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0505C2 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 0505C2 by changing the saturation by 10% instead.

■ 0505C2

■ 0505C2

FFFFFF

■ 0000A6

■ 6840FC

■ 00008B

■ 895AFF

■ 000070

■ A975FF

■ 000C56

■ C88FFF

■ 00063E

■ E8ABFF

■ 000327

■ FFC7FF

■ 000111

■ FFE4FF

■ 000000

■ 0505C2

■ 0505C2

0000C2

1818C2

2C2CC2

3F3FC2

5353C2

6666C2

7979C2

8D8DC2

A0A0C2

B4B4C2

Harmonies

Analogous

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



0046E4



0505C2



9B007D

Triad

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



0505C2



770800



004F48

Complementary

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



0505C2



C2C205

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.



004D00



0505C2



383C00

Square

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



0505C2



A20000



004900



00529A

Rectangle

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



0505C2



B20048



004900



004E2C

Sweetspot

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



0505C2



B3B3FC



05C2C2



535380



000000



808080

Same Dimension

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



0505C2



0000FC



6305C2



575761



0000A1



000021

Inverse Universe

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



C205C2



FC00FC



63C205



615761



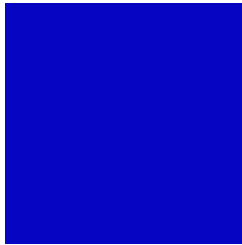
A100A1



210021

Previews

White Background



This preview shows how the Hex color 0505C2 looks on a white background.

Color Contrast Check

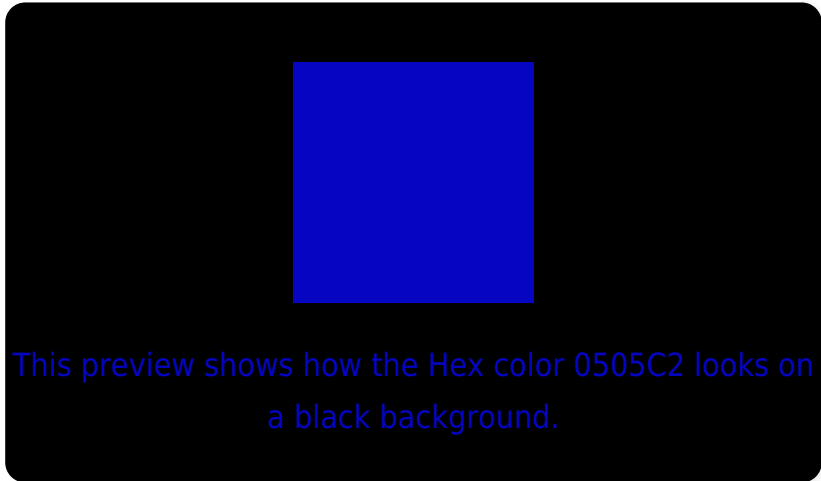
Large Text (above 18pt) WCAG AA ✓ Pass

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

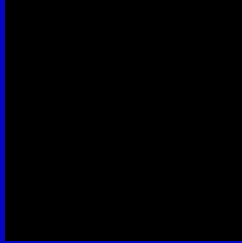
Any Text WCAG AA × Fail

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 0505C2 Background



This preview shows how black text looks on a background with the Hex color 0505C2.



This preview shows how white text looks on a background with the Hex color 0505C2.

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
0505C2

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
0505C2

Protanomaly
022692

Deuteranomaly
022987

Tritanomaly
022B72

Monochromacy



Original Color
0505C2

Achromatopsia
1B1B1B

Achromatomaly
131358

CSS Examples

Text

The CSS property to change the color of the text to Hex 0505C2 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 #0505C2 looks like.

```
.text, #text, p{  
    color:#0505C2  
}
```

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 #0505C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0505C2
}
```

Border

The CSS property to change the border of an element to Hex 0505C2 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".

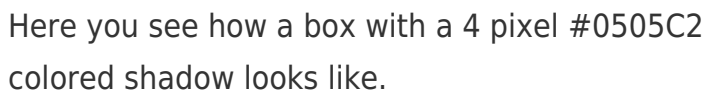
```
.border, #border, table{ border:4px solid
#0505C2 }
```

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

```
.border{ border-color:#0505C2 }
```

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

Here you see how a box with a 4 pixel #0505C2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0505C2; -webkit-box-shadow:4px 4px  
4px 4px #0505C2; box-shadow:4px 4px 4px  
4px #0505C2 }
```

Background

The CSS property to change the background color of an element to Hex 0505C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0505C2 }
```

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

```
.background{ background-color:#0505C2 }
```

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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