

Converting Colors

Hex(6565CB)

Have a look what the booklet for
Hex(6565CB) contains.

Hex(6565CB)	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(6565CB)

Conversions

Conversions Part 1

Format	Color
Hex	6565CB
RGB	101, 101, 203
RGB Percent	40%, 40%, 80%
CMY	0.6039, 0.6039, 0.2039
CMYK	0.50, 0.50, 0.00, 0.20
HSL	240°, 50%, 60%
HSV	240°, 50%, 80%
XYZ	20.8000, 16.3859, 58.5664
YIQ	112.6280, -32.7420, 31.7220

Conversions

Conversions Part 2

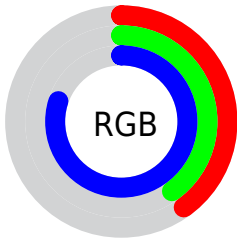
Format	Color
R _Y B	101, 101, 203
Decimal	6645195
CIE Lab	47.48, 27.70, -53.21
CIE LCh	47, 59.989, 297.503
Yxy	16.3859, 0.2172, 0.1711
Android (android.graphics.Color)	4284835275 (0xFF6565CB)
YUV	112.6280, 44.5534, -10.1978
Hunter-Lab	40.4795, 20.8816, -57.4463

Details

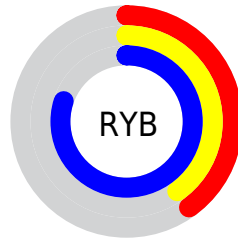
The Hex color **6565CB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CBCB65**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9E98FF**, and **283694** is the 20% darker color. If you saturate the color by 10%, you get **5151CB**, and if you desaturate by 10%, it is **7979CB**.

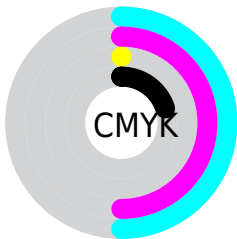
Distribution



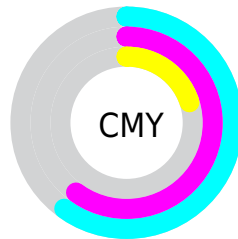
- Red (40%)
- Green (40%)
- Blue (80%)



- Red (40%)
- Yellow (40%)
- Blue (80%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6565CB 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 6565CB by changing the saturation by 10% instead.

■ 6565CB

■ 6565CB

FFFFFF

■ 484DAF

■ 9E98FF

■ 283694

■ BBB3FF

■ 00217A

■ D8CEFF

■ 000E60

■ F5EAFF

■ 000048

■ 000430

■ 00011A

■ 000000

■ 6565CB

■ 6565CB

■ 5151CB

■ 7979CB

■ 3C3CCB

■ 8E8ECB

■ 2828CB

■ A2A2CB

■ 1414CB

■ B6B6CB

■ 0000CB

■ CBCBCB

■ DFDFCB

■ F3F3CB

■ FFFF CB

Harmonies

Analogous

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



0078D6



6565CB



A94CA8

Triad

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



6565CB



B15816



00876B

Complementary

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



6565CB



CBCB65

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.



008336



6565CB



8B6D00

Square

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



6565CB



C74145



5A7B00



00879E

Rectangle

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



6565CB



C03E88



5A7B00



008659

Sweetspot

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



6565CB



D9D9FF



65CBCB



696980



000000



808080

Same Dimension

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



6565CB



6666FF



9865CB



5C5C66



0000A6



000026

Inverse Universe

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



CB65CB



FF66FF



98CB65



665C66



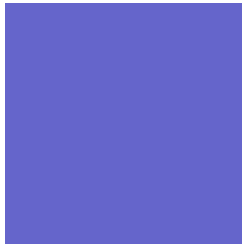
A600A6



260026

Previews

White Background



This preview shows how the Hex color 6565CB looks on a white background.

Color Contrast Check

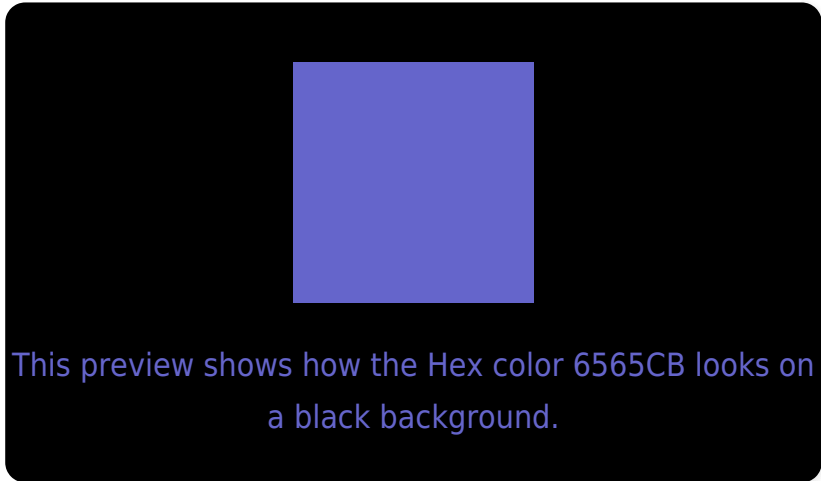
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 6565CB Background



This preview shows how black text looks on a background with the Hex color 6565CB.

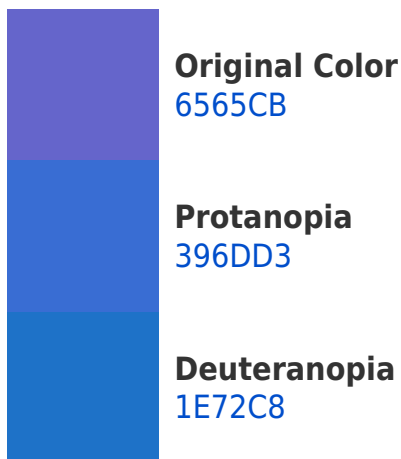


This preview shows how white text looks on a background with the Hex color 6565CB.

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](#).

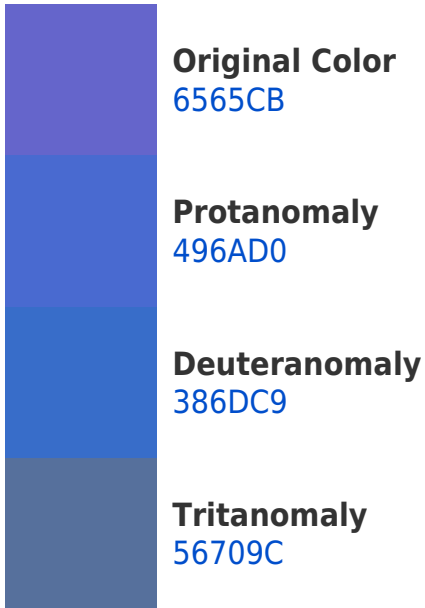
Dichromacy



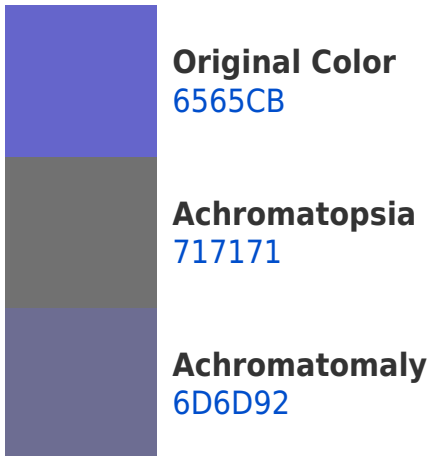


Tritanopia
4E7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6565CB 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 #6565CB looks like.

```
.text, #text, p{  
    color:#6565CB  
}
```

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 #6565CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6565CB
}
```

Border

The CSS property to change the border of an element to Hex 6565CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

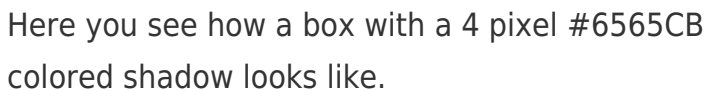
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6565CB }
```

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

```
.border{ border-color:#6565CB }
```

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



Here you see how a box with a 4 pixel #6565CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6565CB; -webkit-box-shadow:4px 4px  
4px 4px #6565CB; box-shadow:4px 4px 4px  
4px #6565CB }
```

Background

The CSS property to change the background color of an element to Hex 6565CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6565CB }
```

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

```
.background{ background-color:#6565CB }
```

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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