

Converting Colors

Hex(206CC4)

Have a look what the booklet for
Hex(206CC4) contains.

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Color

Hex(206CC4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 206CC4 |
| RGB | 32, 108, 196 |
| RGB Percent | 13%, 42%, 77% |
| CMY | 0.8745, 0.5765, 0.2314 |
| CMYK | 0.84, 0.45, 0.00, 0.23 |
| HSL | 212°, 72%, 45% |
| HSV | 212°, 84%, 77% |
| XYZ | 15.9220, 15.0177, 54.2841 |
| YIQ | 95.3080, -73.5440, 11.2560 |

Conversions

Conversions Part 2

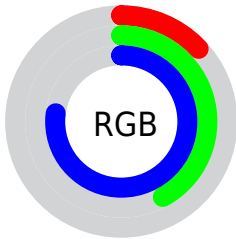
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 32, 84, 196 |
| Decimal | 2124996 |
| CIE _{Lab} | 45.66, 9.86, -52.28 |
| CIE _{LCh} | 46, 53.201, 280.679 |
| Yxy | 15.0177, 0.1868, 0.1762 |
| Android (android.graphics.Color) | 4280315076 (0xFF206CC4) |
| YUV | 95.3080, 49.6412, -55.5211 |
| Hunter-Lab | 38.7527, 5.5217, -55.9255 |

Details

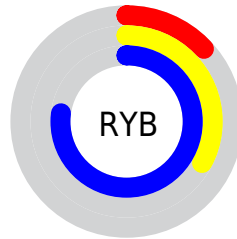
The Hex color **206CC4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C47820**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **699FFD**, and **003E8D** is the 20% darker color. If you saturate the color by 10%, you get **0C61C4**, and if you desaturate by 10%, it is **3477C4**.

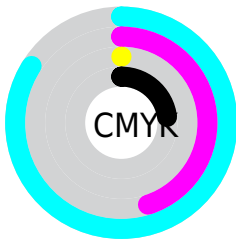
Distribution



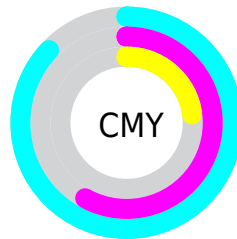
- Red (13%)
- Green (42%)
- Blue (77%)



- Red (13%)
- Yellow (33%)
- Blue (77%)



- Cyan (84%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 206CC4 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 206CC4 by changing the saturation by 10% instead.

 206CC4

 206CC4

FFFFFF

 0054A8

 699FFD

 003E8D

 88BAFF

 002973

 A6D5FF

 00155A

 C4F1FF

 000742

 E2FFFF

 00032B

 000115

 000000

 206CC4

 206CC4

■ 0C61C4

■ 3477C4

■ 005BC4

■ 4781C4

■ 5B8CC4

■ 6E96C4

■ 82A1C4

■ 96ABC4

■ A9B6C4

■ BDC0C4

■ D0CBC4

Harmonies

Analogous

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



0079C0



206CC4



8259B0

Triad

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



206CC4



B34C34



007F4D

Complementary

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



206CC4



C47820

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.



427922



206CC4



995F0E

Square

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



206CC4



BC3F5E



736F00



00817B

Rectangle

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



206CC4



A24B98



736F00



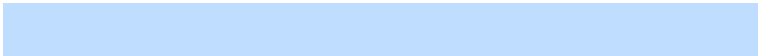
007D3E

Sweetspot

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



206CC4



BFDDFF



20C477



596B80



000000



808080

Same Dimension

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



206CC4



0076FF



2520C4



575C61



004AA1



000F21

Inverse Universe

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



C4206C



FF0076



BFC420



61575C



A1004A



21000F

Previews

White Background



This preview shows how the Hex color 206CC4 looks on a white background.

Color Contrast Check

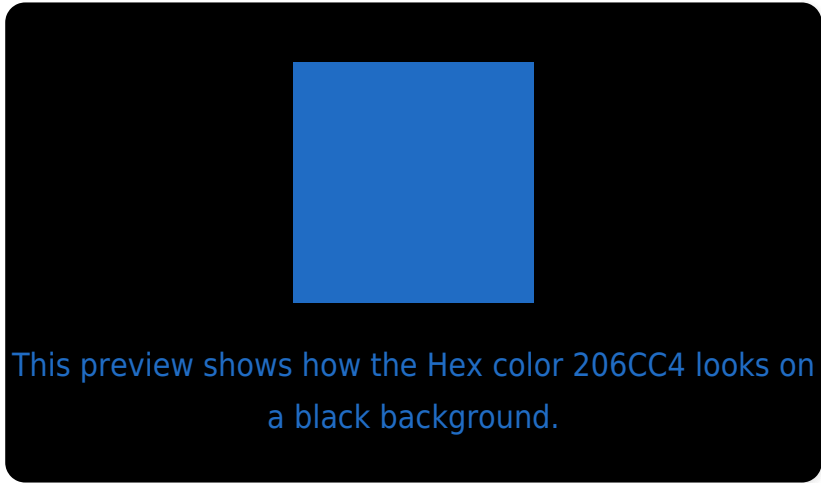
Large Text (above 18pt) WCAG AA ✓ Pass

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

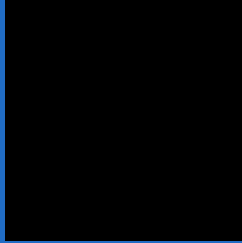
Any Text WCAG AA × Fail

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 206CC4 Background



This preview shows how black text looks on a background with the Hex color 206CC4.

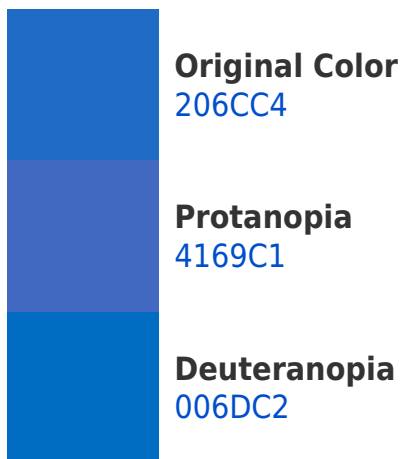


This preview shows how white text looks on a background with the Hex color 206CC4.

Color Blindness Simulation

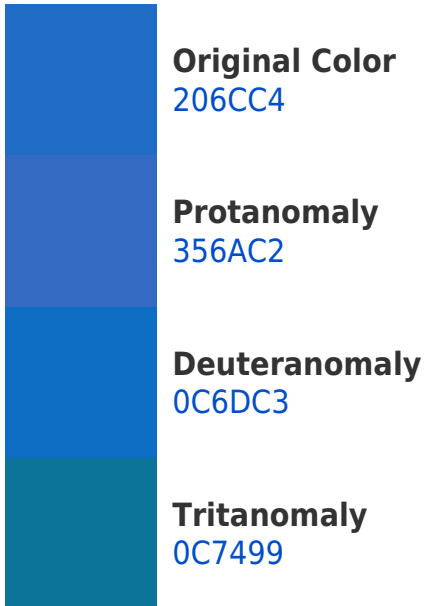
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

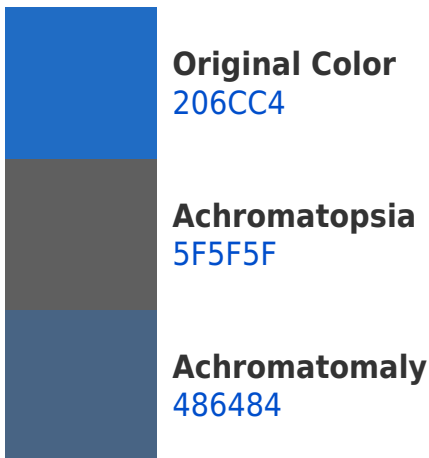




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 206CC4 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 #206CC4 looks like.

```
.text, #text, p{  
    color:#206CC4  
}
```

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 #206CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206CC4
}
```

Border

The CSS property to change the border of an element to Hex 206CC4 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
#206CC4 }
```

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

```
.border{ border-color:#206CC4 }
```

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

Here you see how a box with a 4 pixel #206CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206CC4; -webkit-box-shadow:4px 4px  
4px 4px #206CC4; box-shadow:4px 4px 4px  
4px #206CC4 }
```

Background

The CSS property to change the background color of an element to Hex 206CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206CC4 }
```

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

```
.background{ background-color:#206CC4 }
```

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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