

# Converting Colors

Hex(206CBC)

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

<b>Hex(206CBC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(206CBC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	206CBC
RGB	32, 108, 188
RGB Percent	13%, 42%, 74%
CMY	0.8745, 0.5765, 0.2627
CMYK	0.83, 0.43, 0.00, 0.26
HSL	211°, 71%, 43%
HSV	211°, 83%, 74%
XYZ	15.0353, 14.6630, 49.6148
YIQ	94.3960, -70.9760, 8.7680

# Conversions

## Conversions Part 2

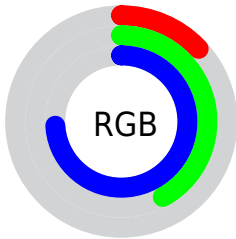
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 83, 188
Decimal	2124988
CIE <sub>Lab</sub>	45.17, 6.75, -48.44
CIE <sub>LCh</sub>	45, 48.907, 277.937
Yxy	14.6630, 0.1896, 0.1849
Android (android.graphics.Color)	4280315068 (0xFF206CBC)
YUV	94.3960, 46.1468, -54.7213
Hunter-Lab	38.2923, 3.0756, -50.0164

# Details

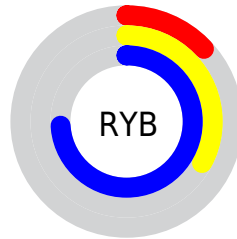
The Hex color **206CBC** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BC7020**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **689FF5**, and **003E86** is the 20% darker color. If you saturate the color by 10%, you get **0D62BC**, and if you desaturate by 10%, it is **3376BC**.

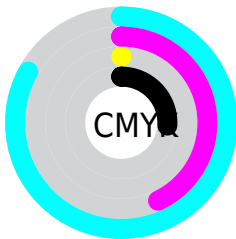
# Distribution



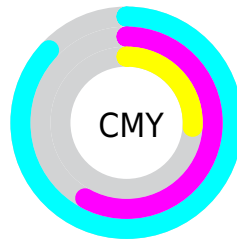
- Red (13%)
- Green (42%)
- Blue (74%)



- Red (13%)
- Yellow (33%)
- Blue (74%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (26%)



- Cyan (87%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



■ 206CBC

■ 206CBC

FFFFFF

■ 0054A1

■ 689FF5

■ 003E86

■ 86BAFF

■ 00296C

■ A3D5FF

■ 001553

■ C1F2FF

■ 00063C

■ DFFFFF

■ 000225

FEFFFF

■ 00010D

■ 000000

■ 206CBC

■ 206CBC

■ 0D62BC

■ 3376BC

■ 005CBC

■ 467FBC

■ 5889BC

■ 6B93BC

■ 7E9CBC

■ 91A6BC

■ A4AFBC

■ B6B9BC

■ C9C3BC

# Harmonies

## Analogous

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



0077B6



206CBC



7A5BAC

# Triad

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



206CBC



AE4D3B



007C4B

# Complementary

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



206CBC



BC7020

# 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.



4A7725



206CBC



985E1B

# Square

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



206CBC



B44362



766C0D



007E75

# Rectangle

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



206CBC



994F97



766C0D



1B7B3D



# Sweetspot

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



206CBC



B8D5F5



20BC6E



56687A



FAFAFA



7A7A7A



# Same Dimension

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



206CBC



0077F5



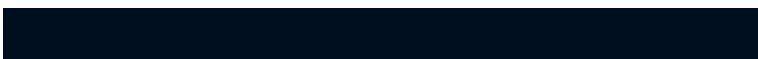
2020BC



555A5E



004D9E



000F1F



# Inverse Universe

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



BC206C



F50077



BCBC20



5E555A



9E004D



1F000F



# Previews

## White Background



This preview shows how the Hex color 206CBC 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



This preview shows how the Hex color 206CBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

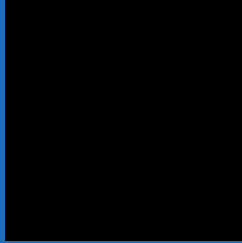
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 206CBC Background



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



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

# 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](#).

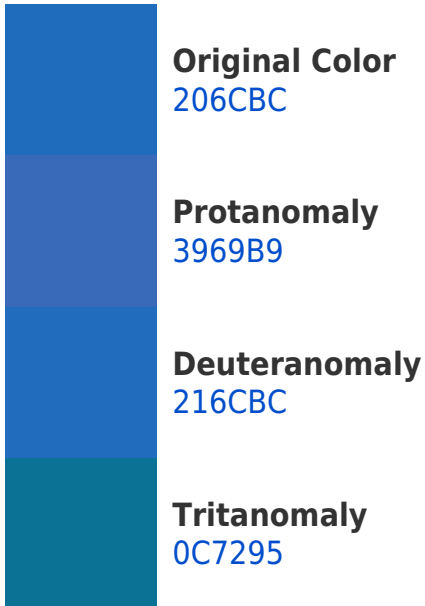
## Dichromacy



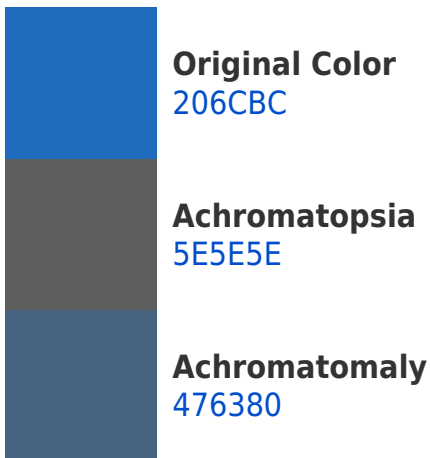


**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #206CBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor