

# Converting Colors

Hex(206AC9)

Have a look what the booklet for  
Hex(206AC9) contains.

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# Color

Hex(206AC9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	206AC9
RGB	32, 106, 201
RGB Percent	13%, 42%, 79%
CMY	0.8745, 0.5843, 0.2118
CMYK	0.84, 0.47, 0.00, 0.21
HSL	214°, 73%, 46%
HSV	214°, 84%, 79%
XYZ	16.2923, 14.8322, 57.2625
YIQ	94.7040, -74.5990, 13.8570

# Conversions

## Conversions Part 2

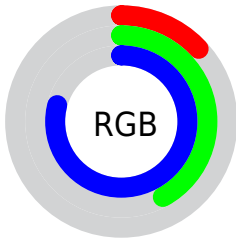
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 83, 201
Decimal	2124489
CIE Lab	45.40, 13.08, -55.57
CIE LCh	45, 57.086, 283.244
Yxy	14.8322, 0.1843, 0.1678
Android (android.graphics.Color)	4280314569 (0xFF206AC9)
YUV	94.7040, 52.4039, -54.9914
Hunter-Lab	38.5126, 8.1154, -61.1967

# Details

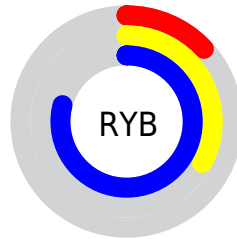
The Hex color **206AC9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C97F20**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6B9DFF**, and **003C92** is the 20% darker color. If you saturate the color by 10%, you get **0C5FC9**, and if you desaturate by 10%, it is **3475C9**.

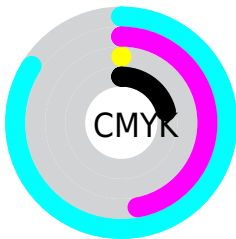
# Distribution



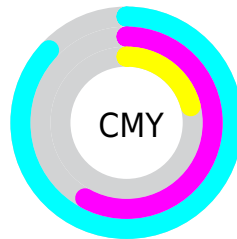
- Red (13%)
- Green (42%)
- Blue (79%)



- Red (13%)
- Yellow (33%)
- Blue (79%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (58%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 206AC9 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 206AC9 by changing the saturation by 10% instead.



■ 206AC9

■ 206AC9

FFFFFF

■ 0052AD

■ 6B9DFF

■ 003C92

■ 8AB7FF

■ 002778

■ A8D3FF

■ 00145E

■ C6EFFF

■ 000846

■ E4FFFF

■ 00042F

■ 000119

■ 000000

■ 206AC9

■ 206AC9

■ 0C5FC9

■ 3475C9

■ 0058C9

■ 4881C9

■ 5C8CC9

■ 7097C9

■ 85A2C9

■ 99AEC9

■ ADB9C9

■ C1C4C9

■ D5D0C9

# Harmonies

## Analogous

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



0078C7



206AC9



8855B2

# Triad

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



206AC9



B54A2C



007F4E

# Complementary

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



206AC9



C97F20

# 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.



367A1E



206AC9



975F00

# Square

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



206AC9



C03958



6E7000



008180

# Rectangle

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



206AC9



A84597



6E7000



007E3E



# Sweetspot

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



206AC9



BFDBFF



20C97D



596A80



000000



808080



# Same Dimension

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



206AC9



0070FF



2820C9



5A5E63



0047A3



001024



# Inverse Universe

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



C9206A



FF0070



C1C920



635A5E



A30047



240010



# Previews

## White Background



This preview shows how the Hex color 206AC9 looks on a white background.

## Color Contrast Check

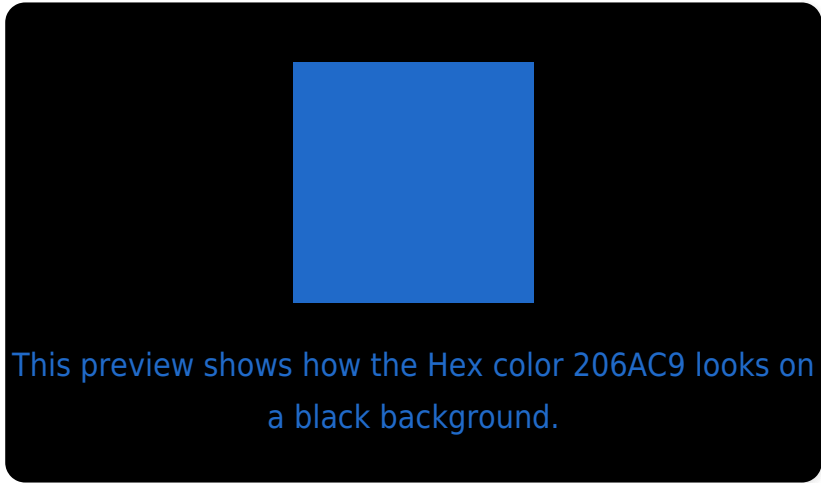
Large Text (above 18pt) WCAG AA ✓ Pass

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

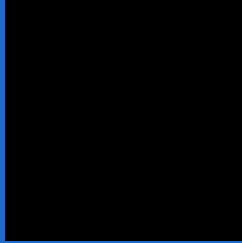
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 206AC9 Background



This preview shows how black text looks on a background with the Hex color 206AC9.

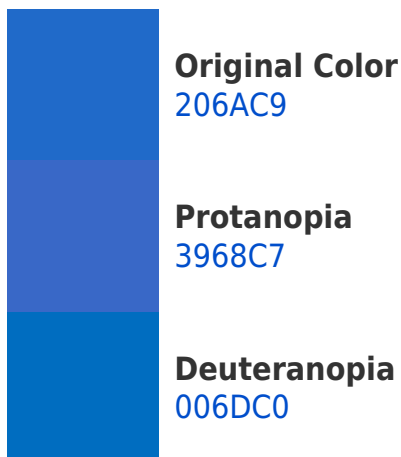


This preview shows how white text looks on a background with the Hex color 206AC9.

# 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](#).

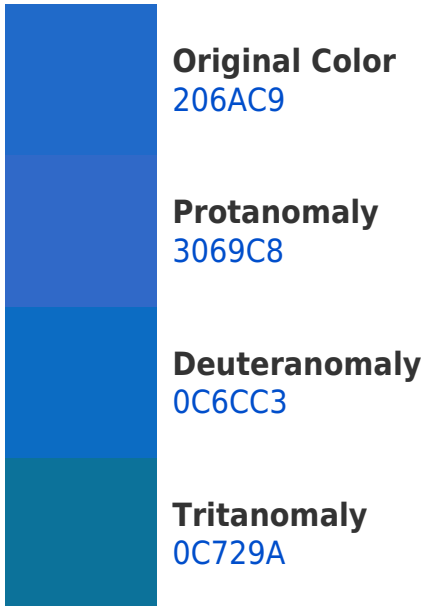
## Dichromacy



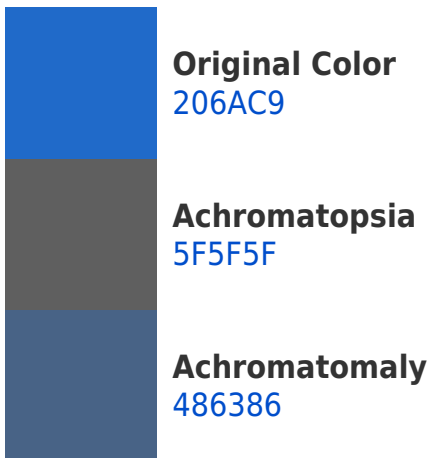


**Tritanopia**  
00777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 206AC9 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 #206AC9 looks like.

```
.text, #text, p{  
    color:#206AC9  
}
```

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 #206AC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #206AC9
}
```

## Border

The CSS property to change the border of an element to Hex 206AC9 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
#206AC9 }
```

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

```
.border{ border-color:#206AC9 }
```

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

Here you see how a box with a 4 pixel #206AC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #206AC9; -webkit-box-shadow:4px 4px  
4px 4px #206AC9; box-shadow:4px 4px 4px  
4px #206AC9 }
```

# Background

The CSS property to change the background color of an element to Hex 206AC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#206AC9 }
```

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

```
.background{ background-color:#206AC9 }
```

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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