

Converting Colors

Hex(207FCB)

Have a look what the booklet for
Hex(207FCB) contains.

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Color

Hex(207FCB)

Conversions

Conversions Part 1

Format	Color
Hex	207FCB
RGB	32, 127, 203
RGB Percent	13%, 50%, 80%
CMY	0.8745, 0.5020, 0.2039
CMYK	0.84, 0.37, 0.00, 0.20
HSL	207°, 73%, 46%
HSV	207°, 84%, 80%
XYZ	18.9645, 19.7976, 59.3217
YIQ	107.2590, -81.0160, 3.4960

Conversions

Conversions Part 2

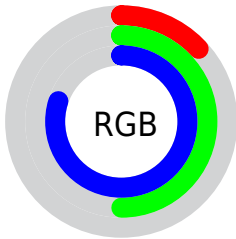
Format	Color
R_{YB}	32, 93, 203
Decimal	2129867
CIE _{Lab}	51.61, 0.76, -46.78
CIE _{LCh}	52, 46.790, 270.930
Yxy	19.7976, 0.1934, 0.2018
Android (android.graphics.Color)	4280319947 (0xFF207FCB)
YUV	107.2590, 47.2003, -66.0021
Hunter-Lab	44.4945, -1.7848, -47.9014

Details

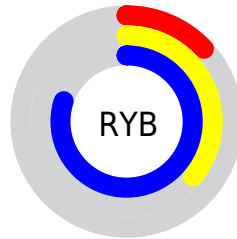
The Hex color **207FCB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark muted azure. A complement of this color would be **CB6C20**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6BB3FF**, and **004F94** is the 20% darker color. If you saturate the color by 10%, you get **0C76CB**, and if you desaturate by 10%, it is **3488CB**.

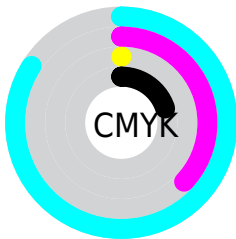
Distribution



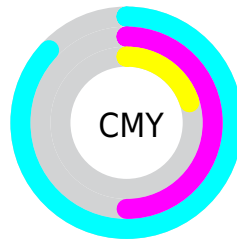
- Red (13%)
- Green (50%)
- Blue (80%)



- Red (13%)
- Yellow (36%)
- Blue (80%)



- Cyan (84%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (87%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207FCB 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 207FCB by changing the saturation by 10% instead.

 207FCB

 207FCB

FFFFFF

 0066AF

 6BB3FF

 004F94

 8ACFFF

 00387A

 A8EBFF

 002461

 C6FFFF

 000D49

 E5FFFF

 000431

 00011B

 000000

 207FCB

 207FCB

■ 0C76CB

■ 3488CB

■ 0071CB

■ 4991CB

■ 5D9ACB

■ 71A3CB

■ 86ACCB

■ 9AB5CB

■ AEBECB

■ C2C7CB

■ D7D0CB

Harmonies

Analogous

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



0089C0



207FCB



7E70C0

Triad

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



207FCB



C25C54



2E8B52

Complementary

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



207FCB



CB6C20

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.



678532



207FCB



AF6A35

Square

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



207FCB



C3577B



907925



008F7B

Rectangle

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



207FCB



A065AE



907925



458A46

Sweetspot

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



207FCB



BFE3FF



20CB6A



596E80



000000



808080

Same Dimension

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



207FCB



008EFF



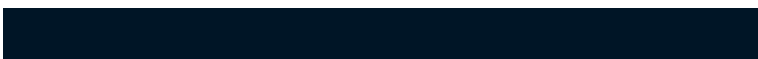
202BCB



5C6166



005CA6



001526

Inverse Universe

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



CB207F



FF008E



CBC020



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color 207FCB looks on a white background.

Color Contrast Check

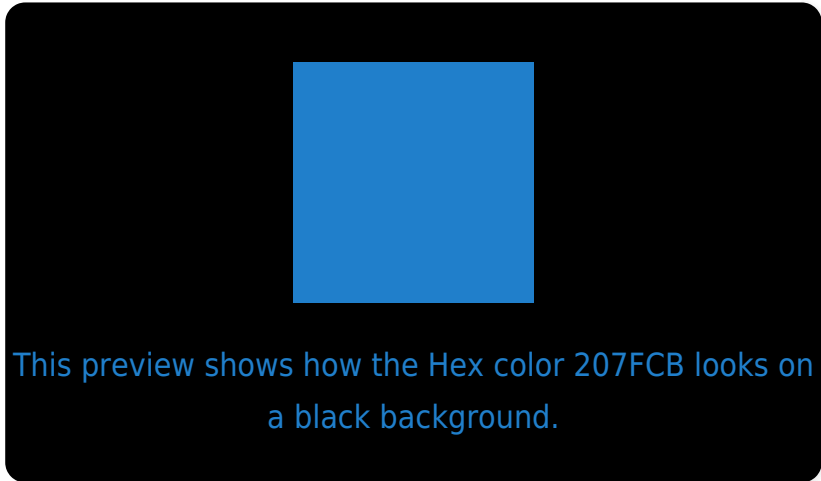
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

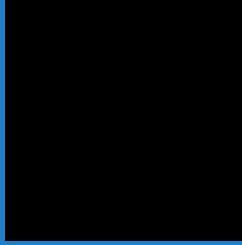
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 207FCB Background



This preview shows how black text looks on a background with the Hex color 207FCB.

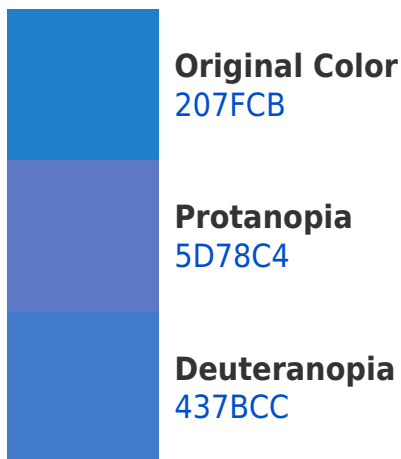


This preview shows how white text looks on a background with the Hex color 207FCB.

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](#).

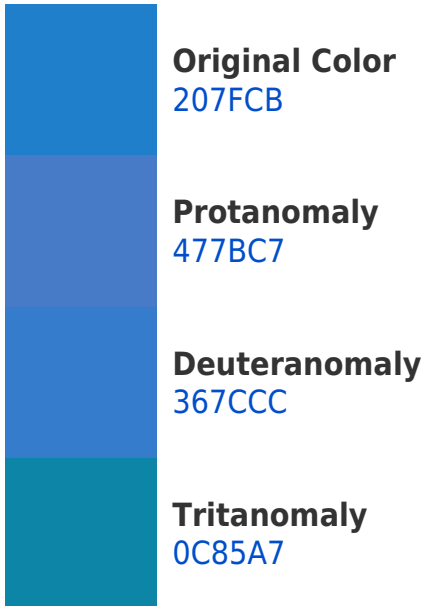
Dichromacy



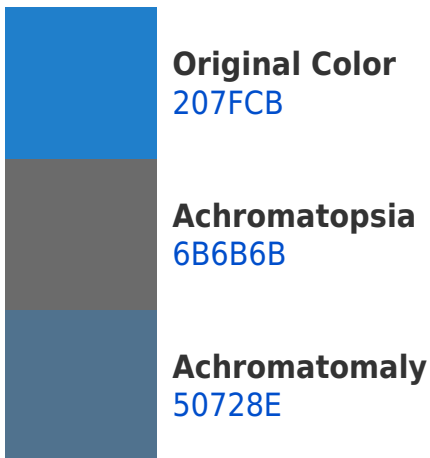


Tritanopia
008892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 207FCB 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 #207FCB looks like.

```
.text, #text, p{  
    color:#207FCB  
}
```

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 #207FCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207FCB
}
```

Border

The CSS property to change the border of an element to Hex 207FCB 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
#207FCB }
```

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

```
.border{ border-color:#207FCB }
```

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

Here you see how a box with a 4 pixel #207FCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207FCB; -webkit-box-shadow:4px 4px  
4px 4px #207FCB; box-shadow:4px 4px 4px  
4px #207FCB }
```

Background

The CSS property to change the background color of an element to Hex 207FCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207FCB }
```

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

```
.background{ background-color:#207FCB }
```

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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