

Converting Colors

Hex(218BCF)

Have a look what the booklet for
Hex(218BCF) contains.

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Color

Hex(218BCF)

Conversions

Conversions Part 1

Format	Color
Hex	218BCF
RGB	33, 139, 207
RGB Percent	13%, 55%, 81%
CMY	0.8706, 0.4549, 0.1882
CMYK	0.84, 0.33, 0.00, 0.19
HSL	203°, 72%, 47%
HSV	203°, 84%, 81%
XYZ	21.1223, 23.2936, 62.4143
YIQ	115.0580, -85.0040, -1.3240

Conversions

Conversions Part 2

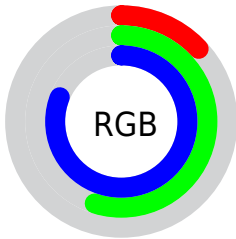
Format	Color
R_{YB}	33, 99, 207
Decimal	2198479
CIE _{Lab}	55.37, -4.79, -43.08
CIE _{LCh}	55, 43.346, 263.659
Yxy	23.2936, 0.1977, 0.2180
Android (android.graphics.Color)	4280388559 (0xFF218BCF)
YUV	115.0580, 45.3274, -71.9649
Hunter-Lab	48.2634, -6.3411, -42.8896

Details

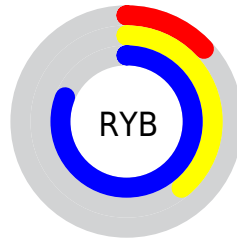
The Hex color **218BCF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CF6521**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC0FF**, and **005998** is the 20% darker color. If you saturate the color by 10%, you get **0C83CF**, and if you desaturate by 10%, it is **3693CF**.

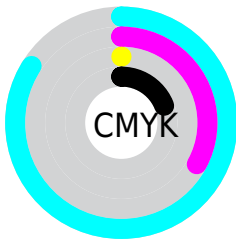
Distribution



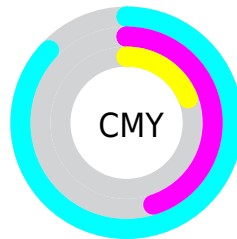
- Red (13%)
- Green (55%)
- Blue (81%)



- Red (13%)
- Yellow (39%)
- Blue (81%)



- Cyan (84%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)




- Cyan (87%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 218BCF 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 218BCF by changing the saturation by 10% instead.

 218BCF

 218BCF

FFFFFF

 0072B3

 6DC0FF

 005998

 8CDCFF

 00427E

 AAF8FF

 002D65

 C9FFFF

 00194C

 E7FFFF

 000535

 00021F

 000002

 000000

■ 218BCF

■ 218BCF

■ 0C83CF

■ 3693CF

■ 007ECF

■ 4A9BCF

■ 5FA3CF

■ 74ABCF

■ 88B3CF

■ 9DBCCF

■ B2C4CF

■ C7CCCF

■ DBD4CF

Harmonies

Analogous

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



0094C0



218BCF



7A7EC9

Triad

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



218BCF



CB6769



4F9356

Complementary

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



218BCF



CF6521

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.



7D8B3D



218BCF



BD7249

Square

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



218BCF



C6658E



A18038



00977B

Rectangle

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



218BCF



9E74BB



A18038



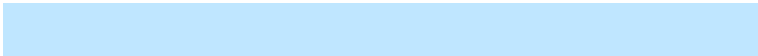
60914C

Sweetspot

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



218BCF



BFE6FF



21CF64



597180



000000



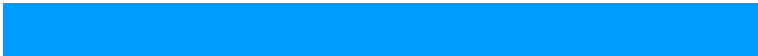
808080

Same Dimension

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



218BCF



009BFF



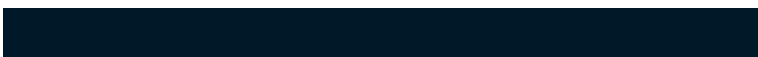
2135CF



5E6469



0067A8



001929

Inverse Universe

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



CF218B



FF009B



CFBB21



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 218BCF looks on a white background.

Color Contrast Check

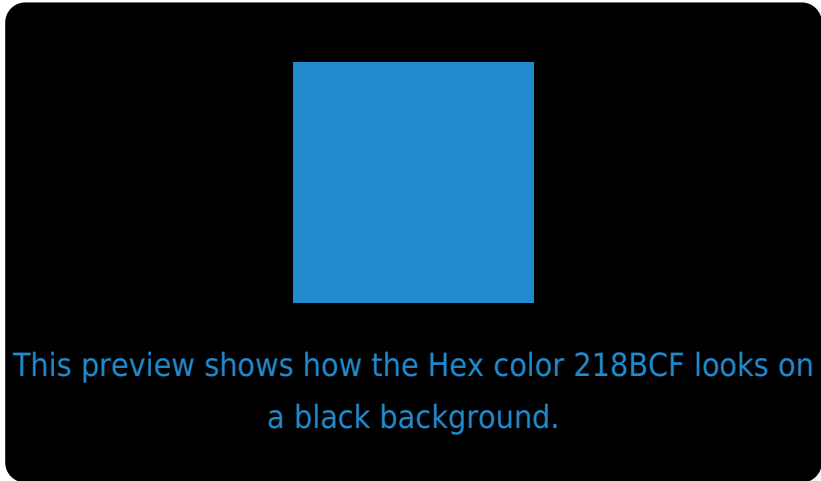
Large Text (above 18pt) WCAG AA ✓ Pass

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

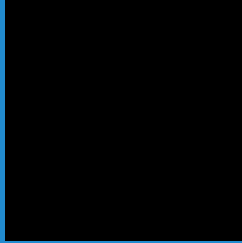
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

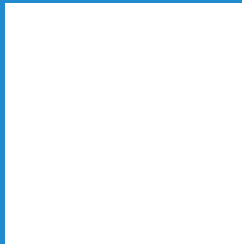
Any Text WCAG AAA × Fail

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

Hex 218BCF Background



This preview shows how black text looks on a background with the Hex color 218BCF.

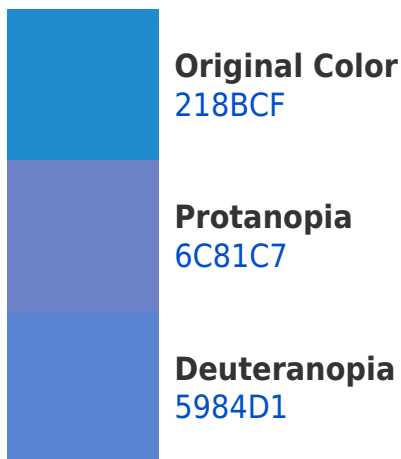


This preview shows how white text looks on a background with the Hex color 218BCF.

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](#).

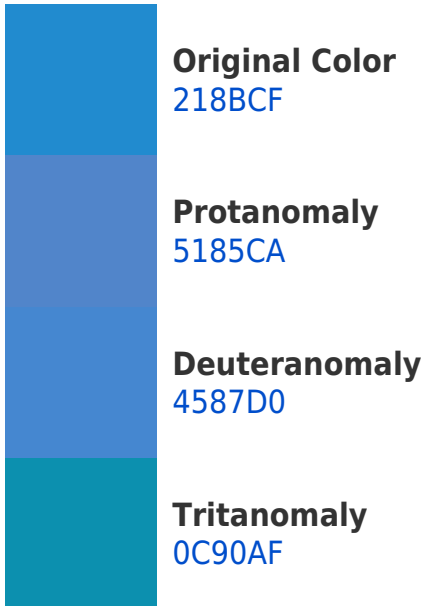
Dichromacy



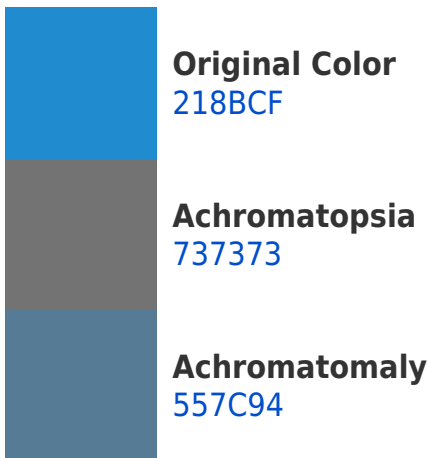


Tritanopia
00939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 218BCF 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 #218BCF looks like.

```
.text, #text, p{  
    color:#218BCF  
}
```

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 #218BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #218BCF
}
```

Border

The CSS property to change the border of an element to Hex 218BCF 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
#218BCF }
```

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

```
.border{ border-color:#218BCF }
```

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

Here you see how a box with a 4 pixel #218BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #218BCF; -webkit-box-shadow:4px 4px  
4px 4px #218BCF; box-shadow:4px 4px 4px  
4px #218BCF }
```

Background

The CSS property to change the background color of an element to Hex 218BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#218BCF }
```

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

```
.background{ background-color:#218BCF }
```

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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