

Converting Colors

Hex(6BA8CF)

Have a look what the booklet for
Hex(6BA8CF) contains.

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Color

Hex(6BA8CF)

Conversions

Conversions Part 1

Format	Color
Hex	6BA8CF
RGB	107, 168, 207
RGB Percent	42%, 66%, 81%
CMY	0.5804, 0.3412, 0.1882
CMYK	0.48, 0.19, 0.00, 0.19
HSL	203°, 51%, 62%
HSV	203°, 48%, 81%
XYZ	31.3285, 35.6361, 64.2587
YIQ	154.2070, -48.8750, -0.8030

Conversions

Conversions Part 2

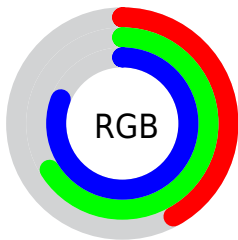
Format	Color
R _{YB}	107, 145, 207
Decimal	7055567
CIE Lab	66.24, -9.10, -25.96
CIE LCh	66, 27.514, 250.683
Yxy	35.6361, 0.2387, 0.2716
Android (android.graphics.Color)	4285245647 (0xFF6BA8CF)
YUV	154.2070, 26.0269, -41.4005
Hunter-Lab	59.6959, -10.7908, -22.0346

Details

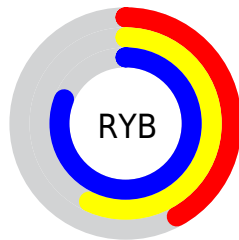
The Hex color **6BA8CF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CF926B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A3DFFF**, and **317499** is the 20% darker color. If you saturate the color by 10%, you get **56A0CF**, and if you desaturate by 10%, it is **80B0CF**.

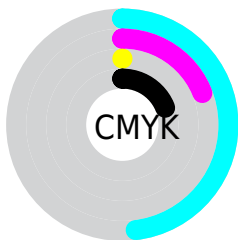
Distribution



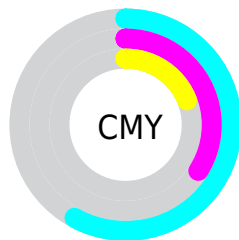
- Red (42%)
- Green (66%)
- Blue (81%)



- Red (42%)
- Yellow (57%)
- Blue (81%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA8CF 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 6BA8CF by changing the saturation by 10% instead.

 6BA8CF

 6BA8CF

FFFFFF

 4F8EB3

 A3DFFF

 317499

 C0FCFF

 075C7E

 DDFFFF

 004465

 FAFFFF

 002E4D

 001A36

 000221

 000005

 000000

■ 6BA8CF

■ 6BA8CF

■ 56A0CF

■ 80B0CF

■ 4298CF

■ 94B8CF

■ 2D90CF

■ A9C0CF

■ 1888CF

■ BEC8CF

■ 0380CF

■ D3D0CF

■ 007ECF

■ E7D8CF

■ FCE1CF

■ FFE9CF

■ FFF1CF

Harmonies

Analogous

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



55ADC0



6BA8CF



8EA0D1

Triad

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



6BA8CF



D28F99



8EA97B

Complementary

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



6BA8CF



CF926B

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.



AAA270



6BA8CF



CF9282

Square

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



6BA8CF



C891B2



C19A73



72AD90

Rectangle

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



6BA8CF



A59ACB



C19A73



98A776

Sweetspot

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



6BA8CF



DBF1FF



6BCF91



6A7780



000000



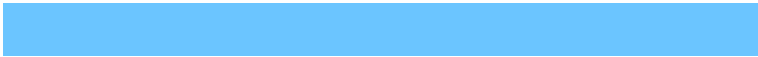
808080

Same Dimension

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



6BA8CF



6BC5FF



6B77CF



5E6469



0067A8



001929

Inverse Universe

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



CF6BA8



FF6BC5



CFC36B



695E64



A80067



290019

Previews

White Background



This preview shows how the Hex color 6BA8CF looks on a white background.

Color Contrast Check

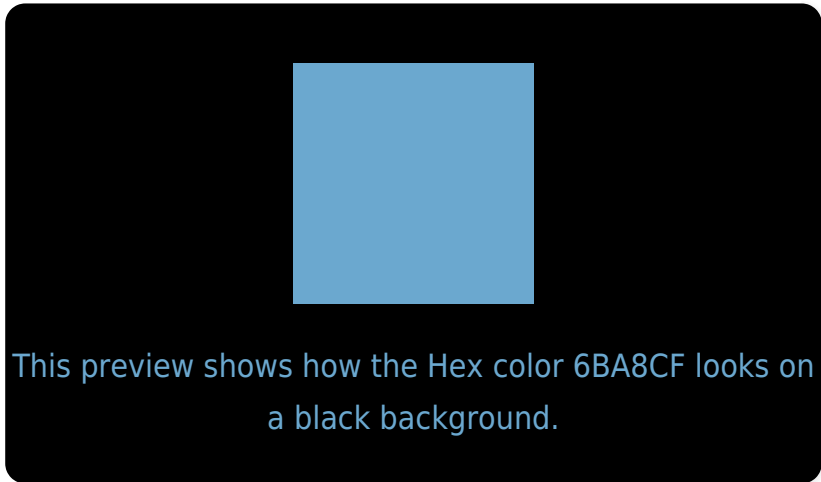
Large Text (above 18pt) WCAG AA × Fail

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

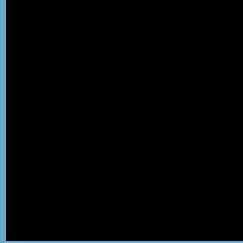
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 6BA8CF Background



This preview shows how black text looks on a background with the Hex color 6BA8CF.



This preview shows how white text looks on a background with the Hex color 6BA8CF.

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](#).

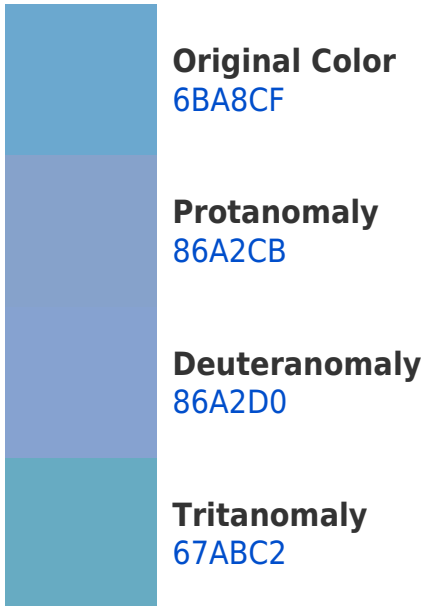
Dichromacy



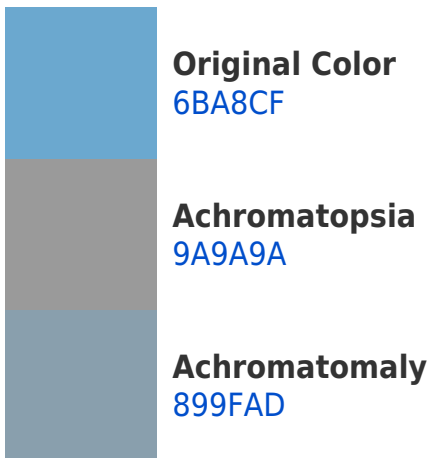


Tritanopia
64ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA8CF 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 #6BA8CF looks like.

```
.text, #text, p{  
    color:#6BA8CF  
}
```

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 #6BA8CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA8CF
}
```

Border

The CSS property to change the border of an element to Hex 6BA8CF 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
#6BA8CF }
```

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

```
.border{ border-color:#6BA8CF }
```

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

Here you see how a box with a 4 pixel #6BA8CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA8CF; -webkit-box-shadow:4px 4px  
4px 4px #6BA8CF; box-shadow:4px 4px 4px  
4px #6BA8CF }
```

Background

The CSS property to change the background color of an element to Hex 6BA8CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA8CF }
```

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

```
.background{ background-color:#6BA8CF }
```

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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