

Converting Colors

Hex(6CA7C8)

Have a look what the booklet for
Hex(6CA7C8) contains.

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Color

Hex(6CA7C8)

Conversions

Conversions Part 1

Format	Color
Hex	6CA7C8
RGB	108, 167, 200
RGB Percent	42%, 65%, 78%
CMY	0.5765, 0.3451, 0.2157
CMYK	0.46, 0.16, 0.00, 0.22
HSL	202°, 46%, 60%
HSV	202°, 46%, 78%
XYZ	30.4284, 34.9957, 59.7947
YIQ	153.1210, -45.7570, -2.2450

Conversions

Conversions Part 2

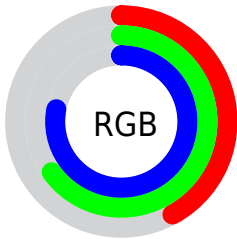
Format	Color
R _Y B	108, 144, 200
Decimal	7120840
CIE Lab	65.75, -10.31, -22.84
CIE LCh	66, 25.058, 245.716
Yxy	34.9957, 0.2430, 0.2795
Android (android.graphics.Color)	4285310920 (0xFF6CA7C8)
YUV	153.1210, 23.1113, -39.5711
Hunter-Lab	59.1572, -11.7109, -18.5189

Details

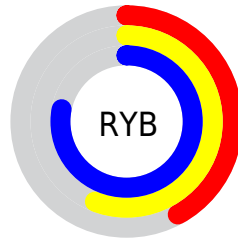
The Hex color **6CA7C8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C88D6C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A4DEFF**, and **347392** is the 20% darker color. If you saturate the color by 10%, you get **58A0C8**, and if you desaturate by 10%, it is **80AEC8**.

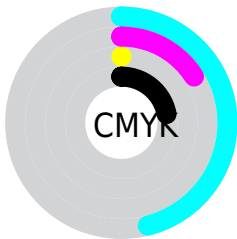
Distribution



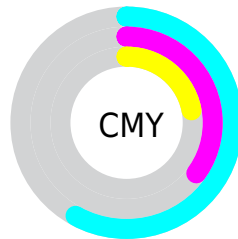
- Red (42%)
- Green (65%)
- Blue (78%)



- Red (42%)
- Yellow (56%)
- Blue (78%)



- Cyan (46%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA7C8 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 6CA7C8 by changing the saturation by 10% instead.

 6CA7C8

 6CA7C8

FFFFFF

 508DAD

 A4DEFF

 347392

 C0FBFF

 105B78

 DDFFFF

 00435F

 FAFFFF

 002D47

 001931

 00011C

 000000

 6CA7C8

 6CA7C8

■ 58A0C8

■ 80AEC8

■ 4499C8

■ 94B5C8

■ 3091C8

■ A8BDC8

■ 1C8AC8

■ BCC4C8

■ 0883C8

■ D0CBC8

■ 0080C8

■ E4D2C8

■ F8D9C8

■ FFE0C8

■ FFE8C8

Harmonies

Analogous

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



5DABB9



6CA7C8



8AA0CC

Triad

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



6CA7C8



CC8F9C



93A67B

Complementary

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



6CA7C8



C88D6C

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.



ACA073



6CA7C8



CC9287

Square

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



6CA7C8



C092B3



C09877



79AB8D

Rectangle

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



6CA7C8



9F9BC8



C09877



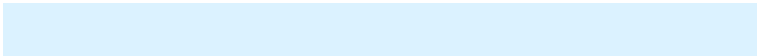
9CA477

Sweetspot

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



6CA7C8



DBF2FF



6CC88C



6A7880



000000



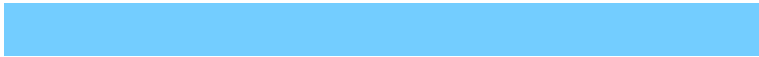
808080

Same Dimension

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



6CA7C8



73CDDF



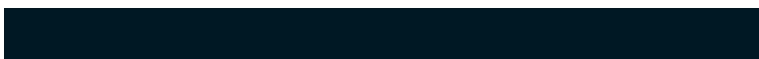
6C7AC8



5A6063



0069A3



001724

Inverse Universe

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



C86CA7



FF73CD



C8BA6C



635A60



A30069



240017

Previews

White Background



This preview shows how the Hex color 6CA7C8 looks on a white background.

Color Contrast Check

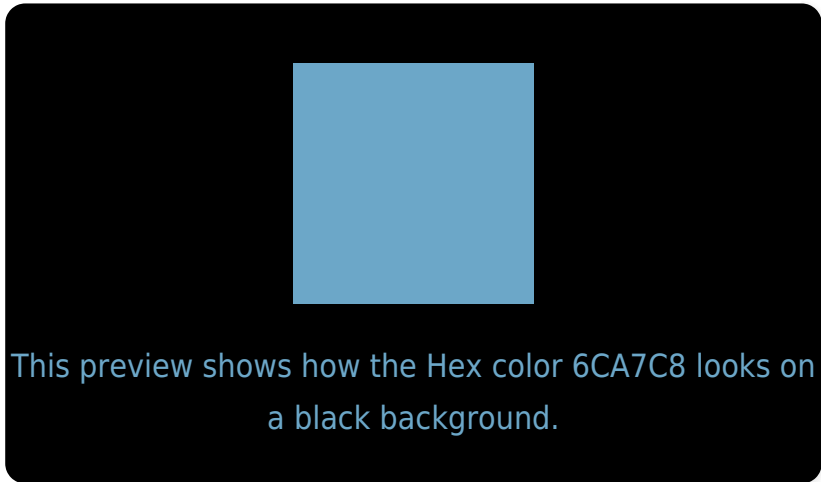
Large Text (above 18pt) WCAG AA × Fail

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 6CA7C8 Background



This preview shows how black text looks on a background with the Hex color 6CA7C8.

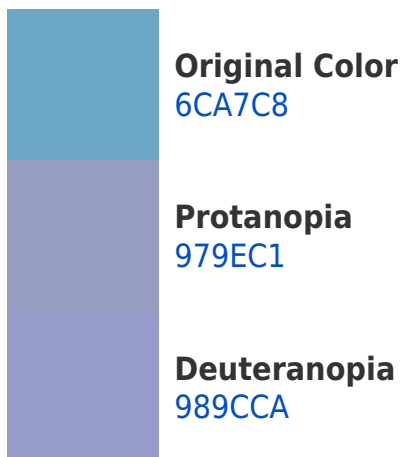


This preview shows how white text looks on a background with the Hex color 6CA7C8.

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](#).

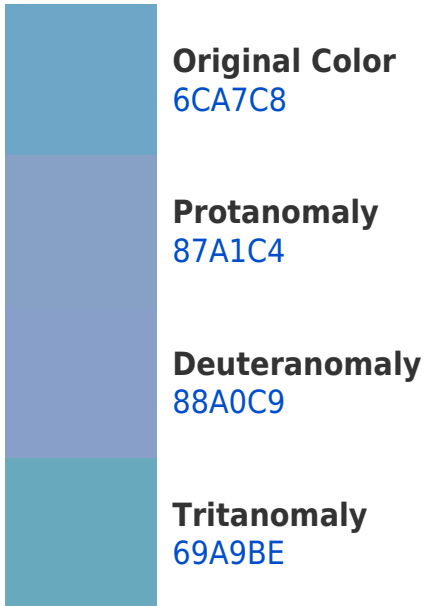
Dichromacy



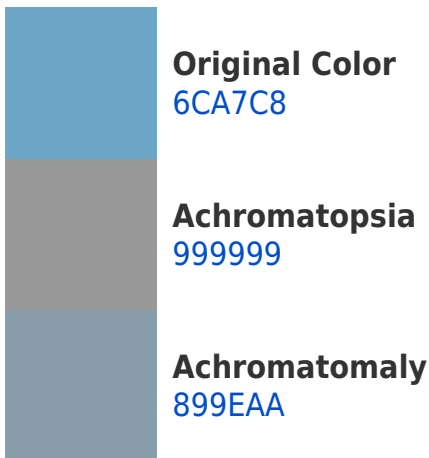


Tritanopia
67AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA7C8 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 #6CA7C8 looks like.

```
.text, #text, p{  
    color:#6CA7C8  
}
```

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 #6CA7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA7C8  
}
```

Border

The CSS property to change the border of an element to Hex 6CA7C8 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  
#6CA7C8 }
```

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

```
.border{ border-color:#6CA7C8 }
```

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

Here you see how a box with a 4 pixel #6CA7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA7C8; -webkit-box-shadow:4px 4px  
4px 4px #6CA7C8; box-shadow:4px 4px 4px  
4px #6CA7C8 }
```

Background

The CSS property to change the background color of an element to Hex 6CA7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA7C8 }
```

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

```
.background{ background-color:#6CA7C8 }
```

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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