

Converting Colors

Hex(6EA7CC)

Have a look what the booklet for
Hex(6EA7CC) contains.

Hex(6EA7CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6EA7CC)

Conversions

Conversions Part 1

Format	Color
Hex	6EA7CC
RGB	110, 167, 204
RGB Percent	43%, 65%, 80%
CMY	0.5686, 0.3451, 0.2000
CMYK	0.46, 0.18, 0.00, 0.20
HSL	204°, 48%, 62%
HSV	204°, 46%, 80%
XYZ	31.1482, 35.3121, 62.3010
YIQ	154.1750, -45.8490, -0.5770

Conversions

Conversions Part 2

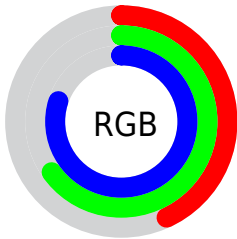
Format	Color
RYB	110, 145, 204
Decimal	7251916
CIELab	65.99, -8.69, -24.67
CIELCh	66, 26.159, 250.603
Yxy	35.3121, 0.2419, 0.2742
Android (android.graphics.Color)	4285441996 (0xFF6EA7CC)
YUV	154.1750, 24.5637, -38.7415
Hunter-Lab	59.4240, -10.4277, -20.5638

Details

The Hex color **6EA7CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC936E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A6DEFF**, and **367396** is the 20% darker color. If you saturate the color by 10%, you get **5A9FCC**, and if you desaturate by 10%, it is **82AFCC**.

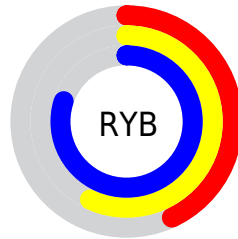
Distribution



Red (43%)

Green (65%)

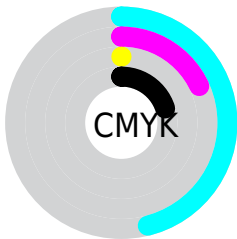
Blue (80%)



Red (43%)

Yellow (57%)

Blue (80%)

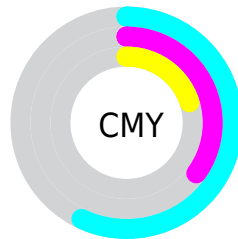


Cyan (46%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (57%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA7CC 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 6EA7CC by changing the saturation by 10% instead.

 6EA7CC

 6EA7CC

FFFFFF

 528DB0

 A6DEFF

 367396

 C2FBFF

 135B7C

 DFFFFF

 004363

FDFFFF

 002D4B

 001934

 00021F

 000001

 000000

■ 6EA7CC

■ 6EA7CC

■ 5A9FCC

■ 82AFCC

■ 4597CC

■ 97B7CC

■ 318FCC

■ ABBFCC

■ 1C87CC

■ C0C7CC

■ 087FCC

■ D4CFCC

■ 007CCC

■ E8D7CC

■ FDDFCC

■ FFE7CC

■ FFEFCC

Harmonies

Analogous

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



5AACBE



6EA7CC



8FA0CE

Triad

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



6EA7CC



CF8F99



8FA87C

Complementary

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



6EA7CC



CC936E

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.



A9A272



6EA7CC



CD9383

Square

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



6EA7CC



C591B0



BF9A75



74AC90

Rectangle

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



6EA7CC



A59AC9



BF9A75



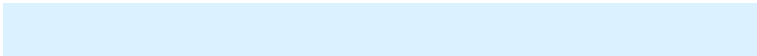
98A677

Sweetspot

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



6EA7CC



DBF1FF



6ECC92



6A7780



000000



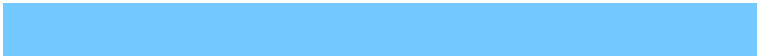
808080

Same Dimension

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



6EA7CC



73C8FF



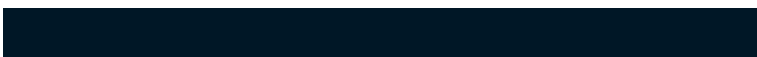
6E79CC



5C6266



0065A6



001726

Inverse Universe

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



CC6EA7



FF73C8



CCC16E



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 6EA7CC looks on a white background.

Color Contrast Check

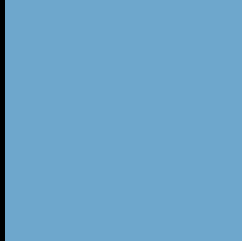
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6EA7CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

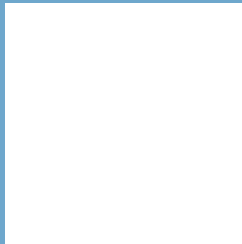
Any Text WCAG AAA ✓ Pass

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

Hex 6EA7CC Background



This preview shows how black text looks on a background with the Hex color 6EA7CC.

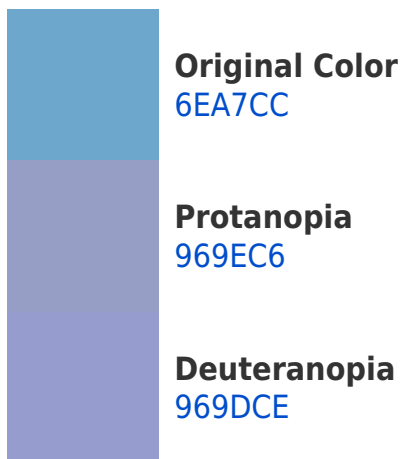


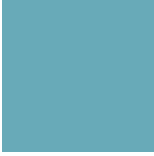
This preview shows how white text looks on a background with the Hex color 6EA7CC.

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](#).

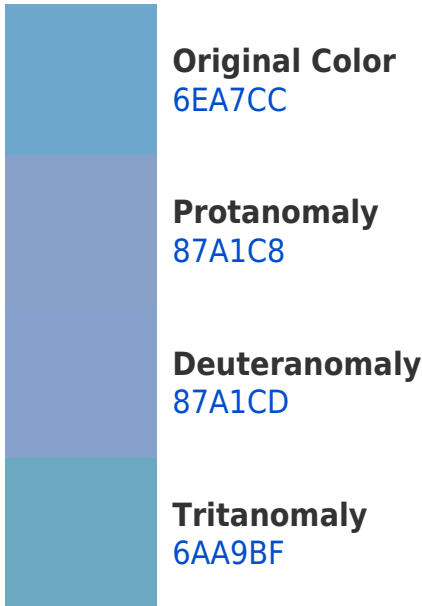
Dichromacy



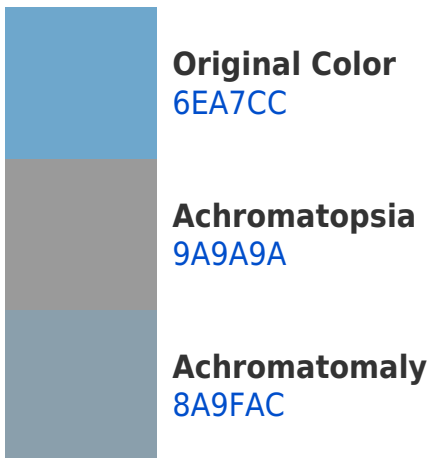


Tritanopia
68AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA7CC 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 #6EA7CC looks like.

```
.text, #text, p{  
    color:#6EA7CC  
}
```

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 #6EA7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA7CC  
}
```

Border

The CSS property to change the border of an element to Hex 6EA7CC 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  
#6EA7CC }
```

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

```
.border{ border-color:#6EA7CC }
```

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

Here you see how a box with a 4 pixel #6EA7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA7CC; -webkit-box-shadow:4px 4px  
4px 4px #6EA7CC; box-shadow:4px 4px 4px  
4px #6EA7CC }
```

Background

The CSS property to change the background color of an element to Hex 6EA7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA7CC }
```

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

```
.background{ background-color:#6EA7CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor