

Converting Colors

Hex(66A8CE)

Have a look what the booklet for
Hex(66A8CE) contains.

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Color

Hex(66A8CE)

Conversions

Conversions Part 1

Format	Color
Hex	66A8CE
RGB	102, 168, 206
RGB Percent	40%, 66%, 81%
CMY	0.6000, 0.3412, 0.1922
CMYK	0.50, 0.18, 0.00, 0.19
HSL	202°, 51%, 60%
HSV	202°, 50%, 81%
XYZ	30.6227, 35.2863, 63.5895
YIQ	152.5980, -51.5340, -2.1740

Conversions

Conversions Part 2

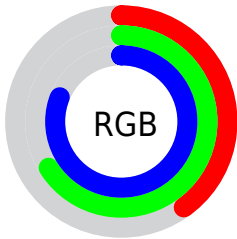
Format	Color
R _{YB}	102, 142, 206
Decimal	6727886
CIE Lab	65.97, -10.55, -25.85
CIE LCh	66, 27.917, 247.793
Yxy	35.2863, 0.2365, 0.2725
Android (android.graphics.Color)	4284917966 (0xFF66A8CE)
YUV	152.5980, 26.3272, -44.3744
Hunter-Lab	59.4023, -11.9347, -21.8877

Details

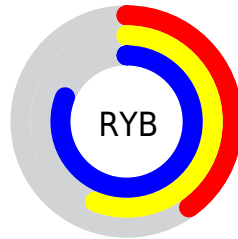
The Hex color **66A8CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CE8C66**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9FDFFF**, and **2A7498** is the 20% darker color. If you saturate the color by 10%, you get **51A0CE**, and if you desaturate by 10%, it is **7BB0CE**.

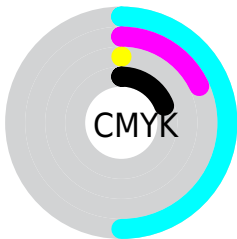
Distribution



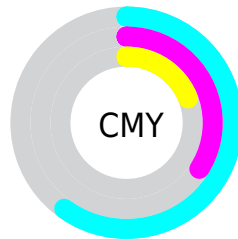
- Red (40%)
- Green (66%)
- Blue (81%)



- Red (40%)
- Yellow (56%)
- Blue (81%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A8CE 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 66A8CE by changing the saturation by 10% instead.

 66A8CE

 66A8CE

FFFFFF

 498EB2

 9FDFFF

 2A7498

 BBFCFF

 005B7E

 D8FFFF

 004464

 F6FFFF

 002E4C

 001A35

 000220

 000004

 000000

66A8CE

66A8CE

51A0CE

7BB0CE

3D99CE

8FB7CE

2891CE

A4BFCE

148ACE

B8C6CE

0083CE

CDCECE

E2D5CE

F6DDCE

FFE4CE

FFECCE

Harmonies

Analogous

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



52ADBE



66A8CE



8AA0D2

Triad

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



66A8CE



D28E9B



90A878

Complementary

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



66A8CE



CE8C66

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.



ACA16E



66A8CE



D09183

Square

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



66A8CE



C690B4



C29873



73AD8D

Rectangle

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



66A8CE



A19BCD



C29873



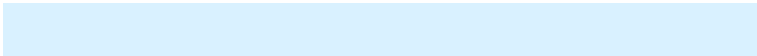
9AA673

Sweetspot

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



66A8CE



D9F1FF



66CE8A



697780



000000



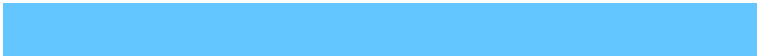
808080

Same Dimension

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



66A8CE



63C6FF



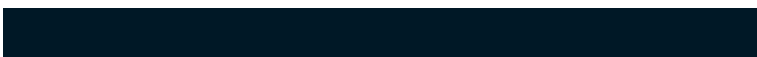
6676CE



5C6266



0069A6



001826

Inverse Universe

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



CE66A8



FF63C6



CEBE66



665C62



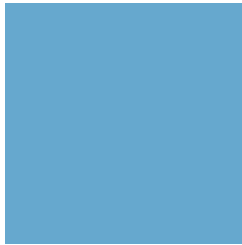
A60069



260018

Previews

White Background



This preview shows how the Hex color 66A8CE looks on a white background.

Color Contrast Check

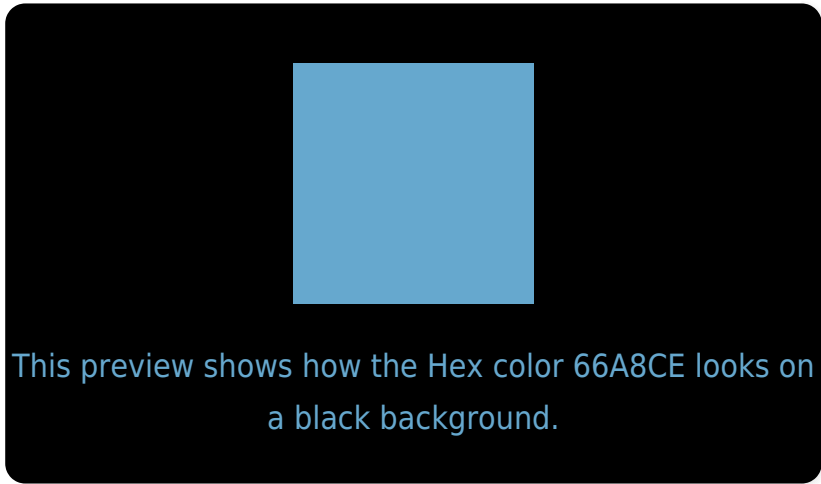
Large Text (above 18pt) WCAG AA × Fail

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

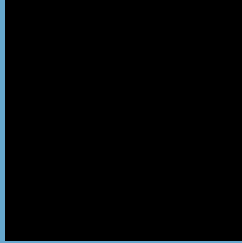
Any Text WCAG AA ✓ Pass

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 66A8CE Background



This preview shows how black text looks on a background with the Hex color 66A8CE.

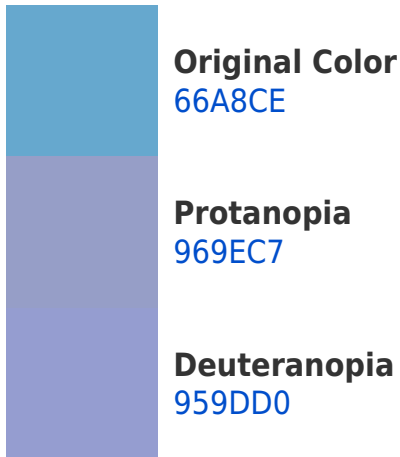


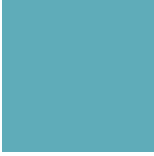
This preview shows how white text looks on a background with the Hex color 66A8CE.

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](#).

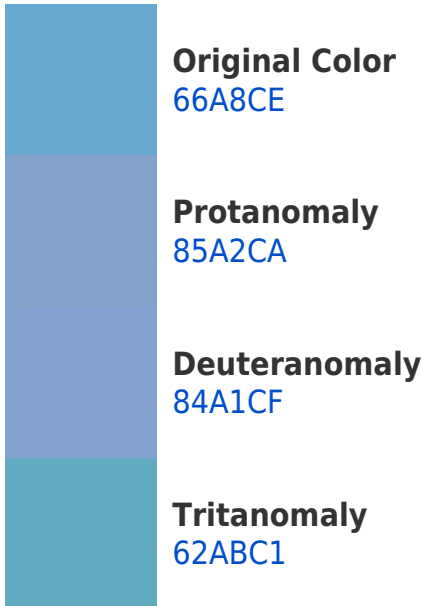
Dichromacy



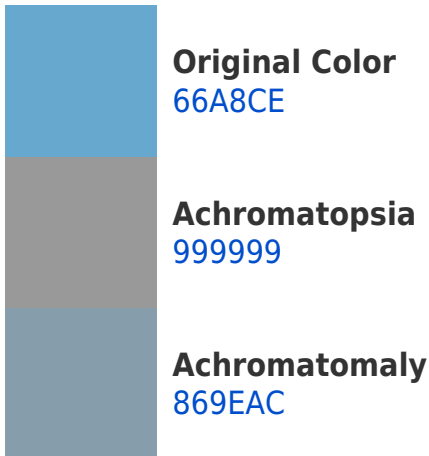


Tritanopia
5FACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A8CE 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 #66A8CE looks like.

```
.text, #text, p{  
    color:#66A8CE  
}
```

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 #66A8CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A8CE  
}
```

Border

The CSS property to change the border of an element to Hex 66A8CE 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  
#66A8CE }
```

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

```
.border{ border-color:#66A8CE }
```

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

Here you see how a box with a 4 pixel #66A8CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A8CE; -webkit-box-shadow:4px 4px  
4px 4px #66A8CE; box-shadow:4px 4px 4px  
4px #66A8CE }
```

Background

The CSS property to change the background color of an element to Hex 66A8CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A8CE }
```

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

```
.background{ background-color:#66A8CE }
```

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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