

Converting Colors

Hex(66CCAD)

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

Hex(66CCAD)	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(66CCAD)

Conversions

Conversions Part 1

Format	Color
Hex	66CCAD
RGB	102, 204, 173
RGB Percent	40%, 80%, 68%
CMY	0.6000, 0.2000, 0.3216
CMYK	0.50, 0.00, 0.15, 0.20
HSL	162°, 50%, 60%
HSV	162°, 50%, 80%
XYZ	34.6152, 49.0276, 47.1740
YIQ	169.9680, -50.8410, -31.2650

Conversions

Conversions Part 2

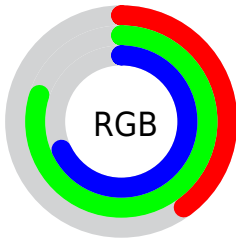
Format	Color
RYB	102, 162, 204
Decimal	6737069
CIELab	75.47, -37.20, 6.37
CIElCh	75, 37.738, 170.286
Yxy	49.0276, 0.2646, 0.3748
Android (android.graphics.Color)	4284927149 (0xFF66CCAD)
YUV	169.9680, 1.4948, -59.6079
Hunter-Lab	70.0197, -34.2907, 9.0687

Details

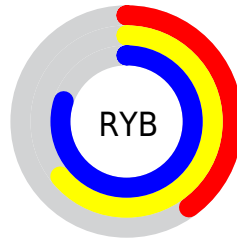
The Hex color **66CCAD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC6685**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **9FFFE4**, and **299579** is the 20% darker color. If you saturate the color by 10%, you get **52CCA7**, and if you desaturate by 10%, it is **7ACCB3**.

Distribution



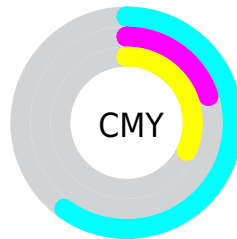
- Red (40%)
- Green (80%)
- Blue (68%)



- Red (40%)
- Yellow (64%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 66CCAD

 66CCAD

FFFFFF

 49B092

 9FFFE4

 299579

 BCFFFF

 007B60

 D9FFFF

 006148

 F7FFFF

 004932

 00311D

 001C03

 000000

 66CCAD

 66CCAD

 52CCA7

 7ACCB3

 3DCCA1

 8FCCB9

 29CC9A

 A3CCC0

 14CC94

 B8CCC6

 00CC8E

 CCCCCC

 E0CCD2

 F5CCD8

 FFCCDF

 FFCCE5

Harmonies

Analogous

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



91C78C



66CCAD



3DCDD1

Triad

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



66CCAD



AEB5FB



F4A886

Complementary

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



66CCAD



CC6685

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.



FEA0A3



66CCAD



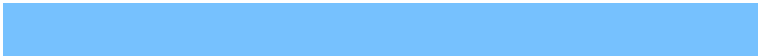
DBA9E7

Square

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



66CCAD



76C1FE



F6A0C7



DCB475

Rectangle

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



66CCAD



38CBE6



F6A0C7



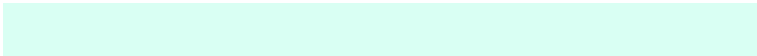
F9A58F

Sweetspot

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



66CCAD



D9FFF3



86CC66



698079



000000



808080

Same Dimension

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



66CCAD



66FFD1



66B9CC



5C6663



00A673



00261B

Inverse Universe

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



CC6685



FF6695



CC7966



665C5F



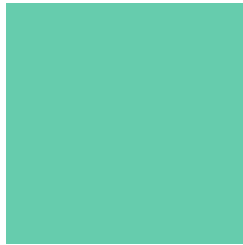
A60032



26000C

Previews

White Background



This preview shows how the Hex color 66CCAD 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 66CCAD 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

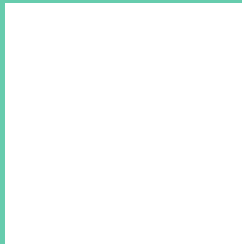
Any Text WCAG AAA ✓ Pass

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

Hex 66CCAD Background



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

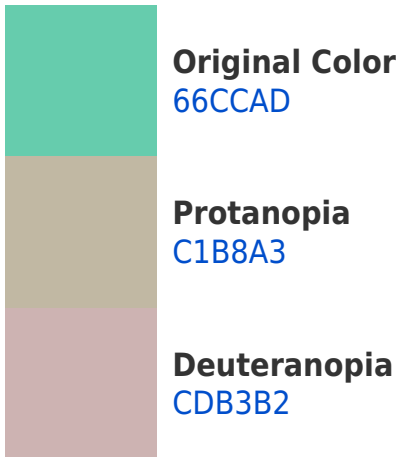


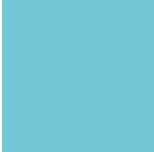
This preview shows how white text looks on a background with the Hex color 66CCAD.

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](#).

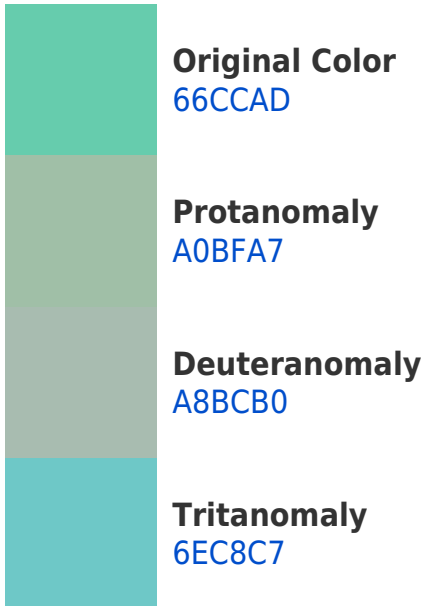
Dichromacy



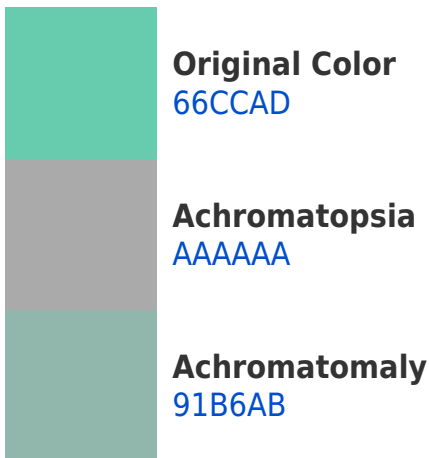


Tritanopia
72C6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66CCAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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