

# Converting Colors

Hex(64A7C5)

Have a look what the booklet for  
Hex(64A7C5) contains.

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# **Color**

**Hex(64A7C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64A7C5
RGB	100, 167, 197
RGB Percent	39%, 65%, 77%
CMY	0.6078, 0.3451, 0.2275
CMYK	0.49, 0.15, 0.00, 0.23
HSL	199°, 46%, 58%
HSV	199°, 49%, 77%
XYZ	29.1523, 34.3780, 57.9224
YIQ	150.3870, -49.5620, -4.8740

# Conversions

## Conversions Part 2

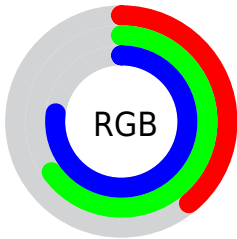
Format	Color
<a href="#">RYB</a>	<a href="#">100, 140, 197</a>
Decimal	<a href="#">6596549</a>
<a href="#">CIELab</a>	<a href="#">65.26, -13.07, -21.95</a>
<a href="#">CIElCh</a>	<a href="#">65, 25.544, 239.226</a>
<a href="#">Yxy</a>	<a href="#">34.3780, 0.2400, 0.2831</a>
Android (android.graphics.Color)	<a href="#">4284786629</a> ( <a href="#">0xFF64A7C5</a> )
<a href="#">YUV</a>	<a href="#">150.3870, 22.9802, -44.1894</a>
<a href="#">Hunter-Lab</a>	<a href="#">58.6327, -13.8568, -17.5288</a>

# Details

The Hex color **64A7C5** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **C58264**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **9CDEFE**, and **29738F** is the 20% darker color. If you saturate the color by 10%, you get **50A1C5**, and if you desaturate by 10%, it is **78ADC5**.

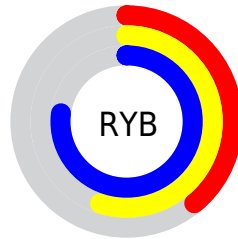
# Distribution



Red (39%)

Green (65%)

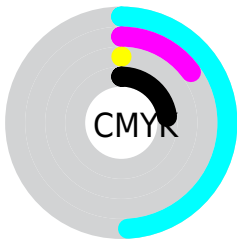
Blue (77%)



Red (39%)

Yellow (55%)

Blue (77%)

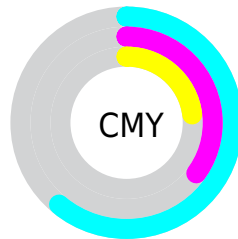


Cyan (49%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (61%)

Magenta (35%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64A7C5 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 64A7C5 by changing the saturation by 10% instead.



■ 64A7C5

■ 64A7C5

FFFFFF

■ 488DAA

■ 9CDEFE

■ 29738F

■ B9FBFF

■ 005A75

■ D5FFFF

■ 00435D

■ F3FFFF

■ 002D45

■ 00192F

■ 00011A

■ 000000

■ 64A7C5

■ 64A7C5

■ 50A1C5

■ 78ADC5

■ 3D9BC5

■ 8BB3C5

■ 2995C5

■ 9FB9C5

■ 158FC5

■ B3BFC5

■ 0189C5

■ C7C5C5

■ 0088C5

■ DACCC5

■ EED2C5

■ FFD8C5

■ FFDEC5

# Harmonies

## Analogous

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



59ABB4



64A7C5



81A1CC

# Triad

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



64A7C5



CA8EA0



97A476

# Complementary

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



64A7C5



C58264

# 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.



B09D71



64A7C5



CC8F89

# Square

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



64A7C5



BB91B6



C29578



7DA986

# Rectangle

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



64A7C5



979BC9



C29578



A0A273

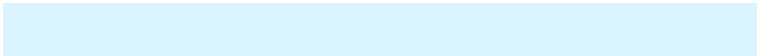


# Sweetspot

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



64A7C5



D9F3FF



64C581



697880



000000



808080



# Same Dimension

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



64A7C5



69D0FF



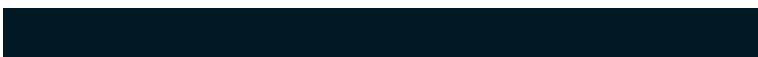
6477C5



5A6063



0071A3



001924



# Inverse Universe

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



C564A7



FF69D0



C5B264



635A60



A30071



240019



# Previews

## White Background



This preview shows how the Hex color 64A7C5 looks on a white background.

## Color Contrast Check

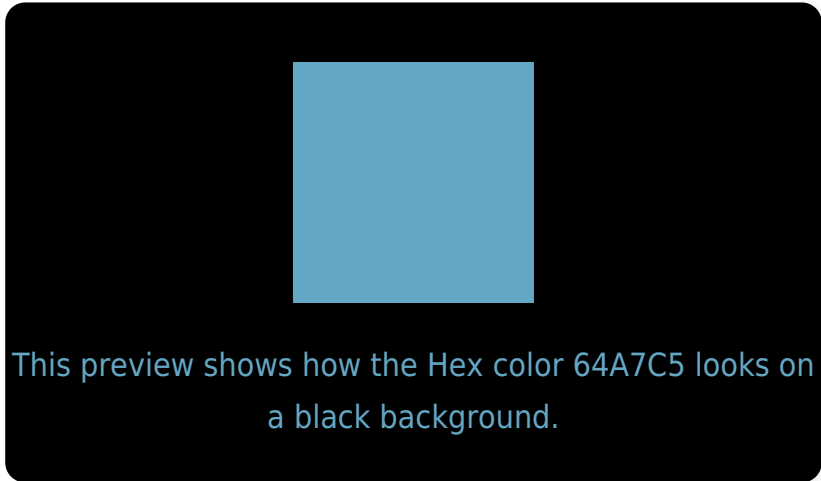
Large Text (above 18pt) WCAG AA × Fail

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

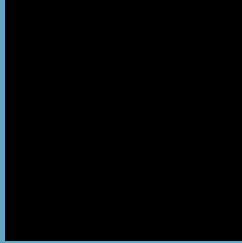
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64A7C5 Background



This preview shows how black text looks on a background with the Hex color 64A7C5.



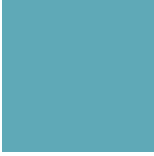
This preview shows how white text looks on a background with the Hex color 64A7C5.

# 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](#).

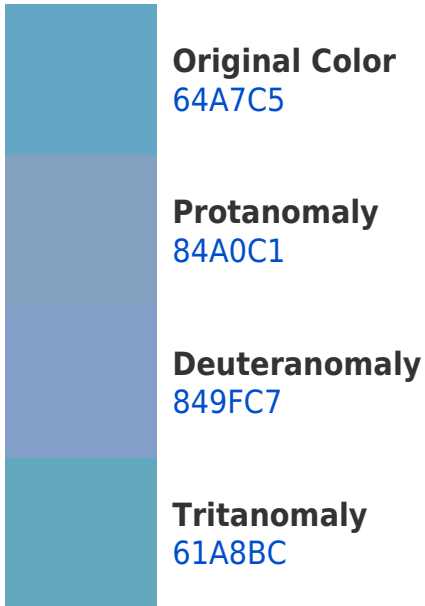
## Dichromacy



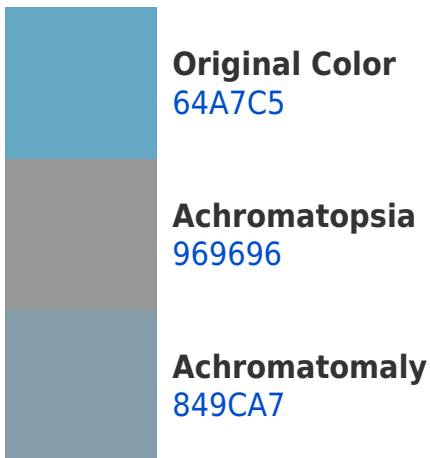


**Tritanopia**  
5FA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64A7C5 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 #64A7C5 looks like.

```
.text, #text, p{  
    color:#64A7C5  
}
```

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 #64A7C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A7C5
}
```

## Border

The CSS property to change the border of an element to Hex 64A7C5 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
#64A7C5 }
```

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

```
.border{ border-color:#64A7C5 }
```

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

Here you see how a box with a 4 pixel #64A7C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A7C5; -webkit-box-shadow:4px 4px  
4px 4px #64A7C5; box-shadow:4px 4px 4px  
4px #64A7C5 }
```

# Background

The CSS property to change the background color of an element to Hex 64A7C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A7C5 }
```

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

```
.background{ background-color:#64A7C5 }
```

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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