

# Converting Colors

Hex(6EB9D5)

Have a look what the booklet for  
Hex(6EB9D5) contains.

<b>Hex(6EB9D5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6EB9D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EB9D5
RGB	110, 185, 213
RGB Percent	43%, 73%, 84%
CMY	0.5686, 0.2745, 0.1647
CMYK	0.48, 0.13, 0.00, 0.16
HSL	196°, 55%, 63%
HSV	196°, 48%, 84%
XYZ	35.7896, 42.8170, 69.3290
YIQ	165.7670, -53.6880, -7.1920

# Conversions

## Conversions Part 2

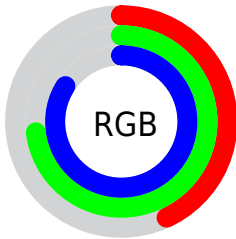
Format	Color
R <sub>YB</sub>	110, 153, 213
Decimal	7256533
CIE Lab	71.43, -15.80, -21.32
CIE LCh	71, 26.534, 233.458
Yxy	42.8170, 0.2419, 0.2894
Android (android.graphics.Color)	4285446613 (0xFF6EB9D5)
YUV	165.7670, 23.2859, -48.9077
Hunter-Lab	65.4347, -16.8799, -17.0143

# Details

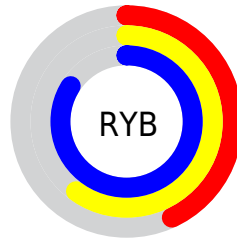
The Hex color **6EB9D5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D58A6E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A7F1FF**, and **33849E** is the 20% darker color. If you saturate the color by 10%, you get **59B3D5**, and if you desaturate by 10%, it is **83BFD5**.

# Distribution



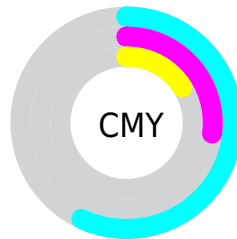
- Red (43%)
- Green (73%)
- Blue (84%)



- Red (43%)
- Yellow (60%)
- Blue (84%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (57%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EB9D5 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 6EB9D5 by changing the saturation by 10% instead.



 6EB9D5

 6EB9D5

FFFFFF

 519EB9

 A7F1FF

 33849E

 C4FFFF

 066B84

 E1FFFF

 00526B

 003B53

 00253B

 000C26

 00010F

 000000

 6EB9D5

 6EB9D5

 59B3D5

 83BFD5

 43ADD5

 99C5D5

 2EA8D5

 AECAD5

 19A2D5

 C3D0D5

 049CD5

 D9D6D5

 009BD5

 EEDCD5

 FFE2D5

 FFE7D5

 FFEDD5

# Harmonies

## Analogous

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



67BCC1



6EB9D5



8AB3DE

# Triad

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



6EB9D5



DB9EB5



ADB382

# Complementary

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



6EB9D5



D58A6E

# 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.



C6AC7F



6EB9D5



E09E9D

# Square

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



6EB9D5



C9A3CC



D8A489



91B991

# Rectangle

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



6EB9D5



A0ADDE



D8A489



B5B180



# Sweetspot

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



6EB9D5



D9F5FF



6ED589



697980



000000



808080



# Same Dimension

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



6EB9D5



6BD7FF



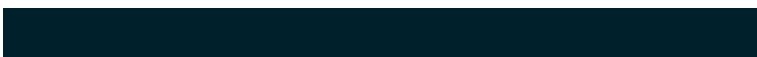
6E86D5



60686B



007CAB



00202B



# Inverse Universe

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



D56EB9



FF6BD7



D5BD6E



6B6068



AB007C

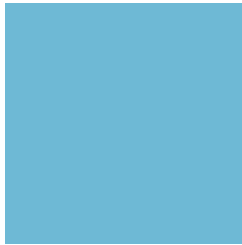


2B0020



# Previews

## White Background



This preview shows how the Hex color 6EB9D5 looks on a white background.

## Color Contrast Check

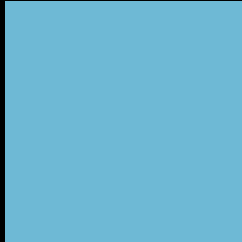
Large Text (above 18pt) WCAG AA × Fail

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 6EB9D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

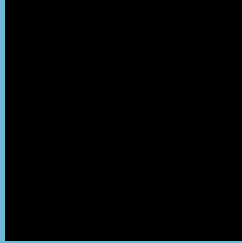
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EB9D5 Background



This preview shows how black text looks on a background with the Hex color 6EB9D5.

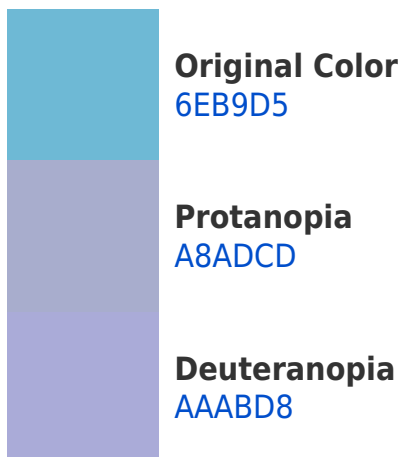


This preview shows how white text looks on a background with the Hex color 6EB9D5.

# 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](#).

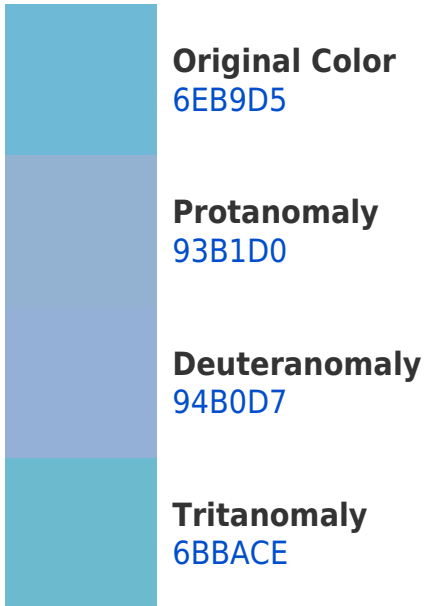
## Dichromacy



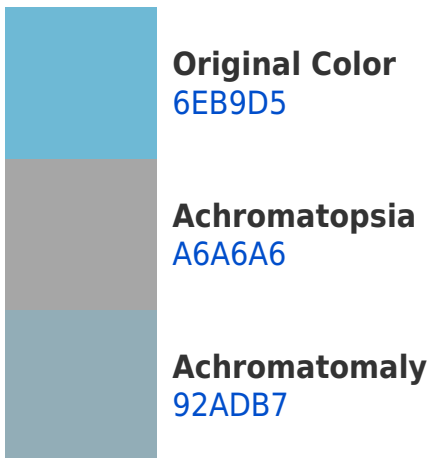


**Tritanopia**  
6ABBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EB9D5 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 #6EB9D5 looks like.

```
.text, #text, p{  
    color:#6EB9D5  
}
```

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 #6EB9D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EB9D5
}
```

## Border

The CSS property to change the border of an element to Hex 6EB9D5 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
#6EB9D5 }
```

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

```
.border{ border-color:#6EB9D5 }
```

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

Here you see how a box with a 4 pixel #6EB9D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EB9D5; -webkit-box-shadow:4px 4px  
4px 4px #6EB9D5; box-shadow:4px 4px 4px  
4px #6EB9D5 }
```

# Background

The CSS property to change the background color of an element to Hex 6EB9D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EB9D5 }
```

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

```
.background{ background-color:#6EB9D5 }
```

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