

# Converting Colors

Hex(7EB1D6)

Have a look what the booklet for  
Hex(7EB1D6) contains.

<b>Hex(7EB1D6)</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(7EB1D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB1D6
RGB	126, 177, 214
RGB Percent	49%, 69%, 84%
CMY	0.5059, 0.3059, 0.1608
CMYK	0.41, 0.17, 0.00, 0.16
HSL	205°, 52%, 67%
HSV	205°, 41%, 84%
XYZ	36.4639, 40.7349, 69.5591
YIQ	165.9690, -42.2730, 0.6950

# Conversions

## Conversions Part 2

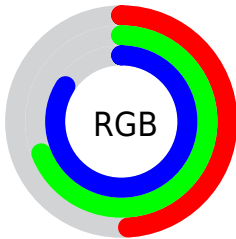
Format	Color
<a href="#">RYB</a>	<a href="#">126, 158, 214</a>
Decimal	<a href="#">8303062</a>
CIELab	<a href="#">69.99, -7.33, -23.99</a>
CIELCh	<a href="#">70, 25.089, 253.001</a>
Yxy	<a href="#">40.7349, 0.2485, 0.2776</a>
Android (android.graphics.Color)	<a href="#">4286493142 (0xFF7EB1D6)</a>
YUV	<a href="#">165.9690, 23.6793, -35.0528</a>
Hunter-Lab	<a href="#">63.8239, -9.7112, -19.9410</a>

# Details

The Hex color **7EB1D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6A37E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B6E9FF**, and **477D9F** is the 20% darker color. If you saturate the color by 10%, you get **69A8D6**, and if you desaturate by 10%, it is **93BAD6**.

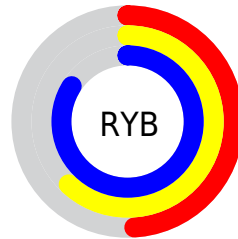
# Distribution



Red (49%)

Green (69%)

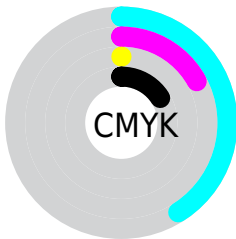
Blue (84%)



Red (49%)

Yellow (62%)

Blue (84%)

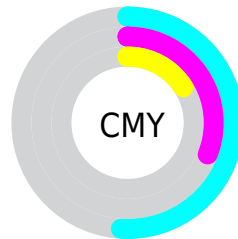


Cyan (41%)

Magenta (17%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (31%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB1D6 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 7EB1D6 by changing the saturation by 10% instead.



 7EB1D6

 7EB1D6

FFFFFF

 6396BA

 B6E9FF

 477D9F

 D2FFFF

 2B6485


 EFFFFFF

 034C6C

 003553

 00203C

 000326

 00010F

 000000

 7EB1D6

 7EB1D6

 69A8D6

 93BAD6

 539FD6

 A9C3D6

 3E96D6


 BECCD6

 288DD6

 D4D5D6

 1384D6

 E9DED6

 007CD6

 FEE7D6

 FFF0D6

 FFF9D6

 FFFF6

# Harmonies

## Analogous

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



6AB6C9



7EB1D6



9DAAD7

# Triad

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



7EB1D6



D99BA2



98B389

# Complementary

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



7EB1D6



D6A37E

# 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.



B2AD7F



7EB1D6



D69E8D

# Square

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



7EB1D6



D09CB9



C7A580



7EB79D

# Rectangle

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



7EB1D6



B2A4D1



C7A580



A1B184

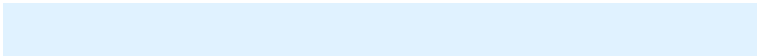


# Sweetspot

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



7EB1D6



E0F2FF



7ED6A3



6E7880



000000



808080

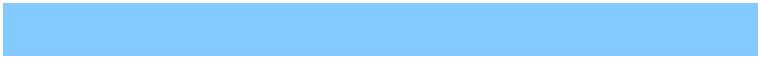


# Same Dimension

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



7EB1D6



82CAFF



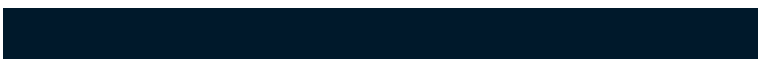
7E85D6



60676B



0063AB



00192B



# Inverse Universe

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



D67EB1



FF82CA



D6CF7E



6B6067



AB0063

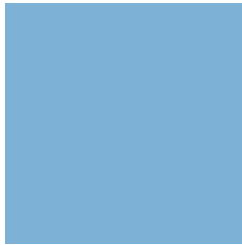


2B0019



# Previews

## White Background



This preview shows how the Hex color 7EB1D6 looks on a white background.

## Color Contrast Check

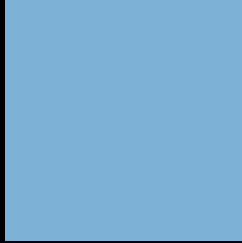
Large Text (above 18pt) WCAG AA × Fail

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 7EB1D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

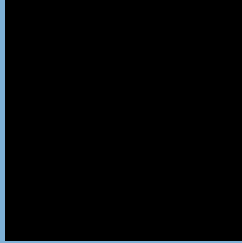
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7EB1D6 Background



This preview shows how black text looks on a background with the Hex color 7EB1D6.

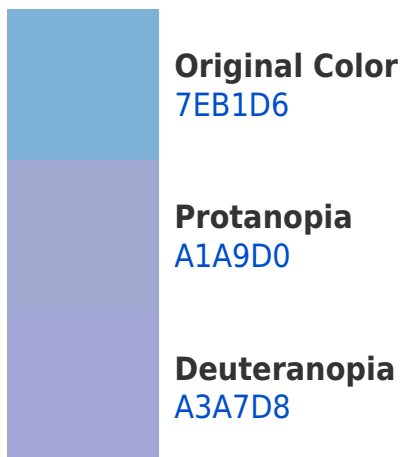


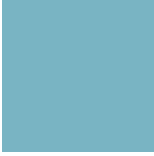
This preview shows how white text looks on a background with the Hex color 7EB1D6.

# 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](#).

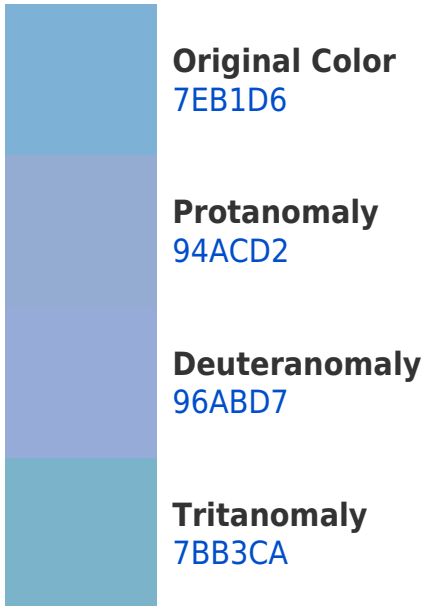
## Dichromacy



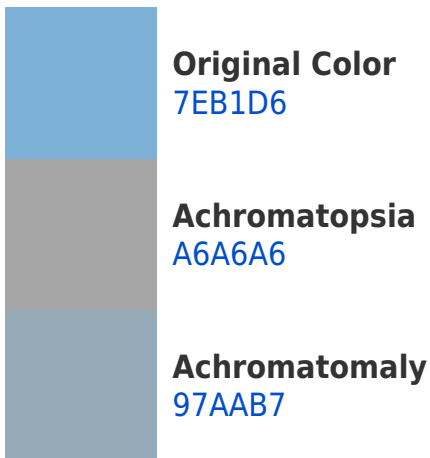


**Tritanopia**  
79B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB1D6 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 #7EB1D6 looks like.

```
.text, #text, p{  
    color:#7EB1D6  
}
```

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 #7EB1D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB1D6
}
```

## Border

The CSS property to change the border of an element to Hex 7EB1D6 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
#7EB1D6 }
```

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

```
.border{ border-color:#7EB1D6 }
```

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

Here you see how a box with a 4 pixel #7EB1D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB1D6; -webkit-box-shadow:4px 4px  
4px 4px #7EB1D6; box-shadow:4px 4px 4px  
4px #7EB1D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB1D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB1D6 }
```

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

```
.background{ background-color:#7EB1D6 }
```

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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