

# Converting Colors

Hex(75D5F1)

Have a look what the booklet for  
Hex(75D5F1) contains.

<b>Hex(75D5F1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(75D5F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D5F1
RGB	117, 213, 241
RGB Percent	46%, 84%, 95%
CMY	0.5412, 0.1647, 0.0549
CMYK	0.51, 0.12, 0.00, 0.05
HSL	194°, 82%, 70%
HSV	194°, 51%, 95%
XYZ	47.0076, 57.7213, 91.8829
YIQ	187.4880, -66.2040, -11.6440

# Conversions

## Conversions Part 2

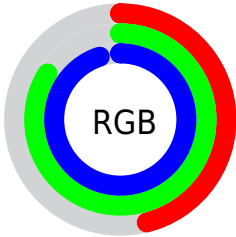
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 171, 241
Decimal	7722481
CIE <sub>Lab</sub>	80.58, -20.90, -22.47
CIE <sub>LCh</sub>	81, 30.690, 227.078
Yxy	57.7213, 0.2391, 0.2936
Android (android.graphics.Color)	4285912561 (0xFF75D5F1)
YUV	187.4880, 26.3814, -61.8180
Hunter-Lab	75.9745, -22.5125, -18.5226

# Details

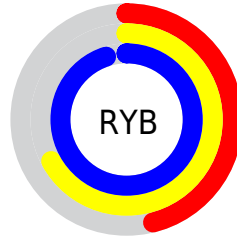
The Hex color **75D5F1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F19175**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B0FFFF**, and **359EB9** is the 20% darker color. If you saturate the color by 10%, you get **5DD0F1**, and if you desaturate by 10%, it is **8DDAF1**.

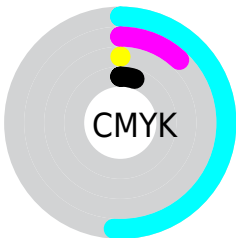
# Distribution



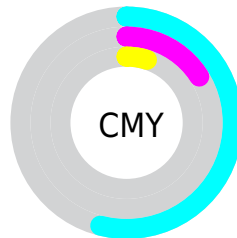
- Red (46%)
- Green (84%)
- Blue (95%)



- Red (46%)
- Yellow (67%)
- Blue (95%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75D5F1 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 75D5F1 by changing the saturation by 10% instead.



 75D5F1

 75D5F1

FFFFFF

 57B9D5

 B0FFFF

 359EB9

 CEFFFF

 00849E

 ECFFFF

 006B84

 00526A

 003B52

 00253B

 000626

 00010F

 75D5F1

 75D5F1

 5DD0F1

 8DDAF1

 45CAF1

 A5E0F1

 2DC5F1

 BDE5F1

 15BFF1

 D5EBF1

 00BBF1

 EDF0F1

 FFF6F1

 FFFBF1

 FFFFF1

# Harmonies

## Analogous

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



74D8D8



75D5F1



93CEFF

# Triad

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



75D5F1



F9B4D6



CCCB91

# Complementary

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



75D5F1



F19175

# 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.



E8C291



75D5F1



FFB3B8

# Square

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



75D5F1



E0BBEF



FCB99F



ABD3A0

# Rectangle

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



75D5F1



AEC8FF



FCB99F



D6C88F

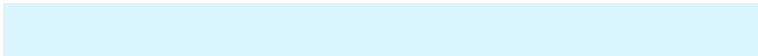


# Sweetspot

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



75D5F1



D9F6FF



75F190



697A80



000000



808080

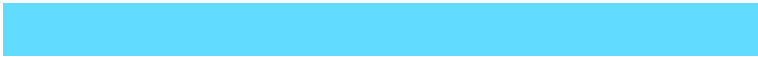


# Same Dimension

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



75D5F1



61DBFF



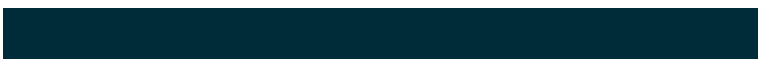
7598F1



6C7578



008EB8



002B38



# Inverse Universe

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



F175D5



FF61DB



F1CE75



786C75



B8008E

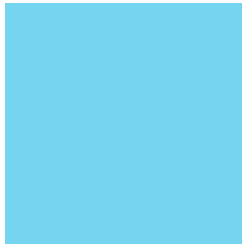


38002B



# Previews

## White Background



This preview shows how the Hex color 75D5F1 looks on a white background.

## Color Contrast Check

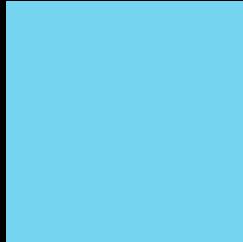
Large Text (above 18pt) WCAG AA × Fail

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 75D5F1 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 75D5F1 Background



This preview shows how black text looks on a background with the Hex color 75D5F1.

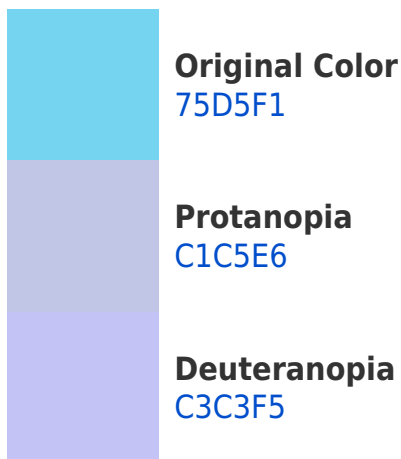


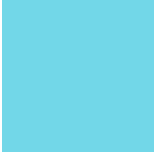
This preview shows how white text looks on a background with the Hex color 75D5F1.

# 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](#).

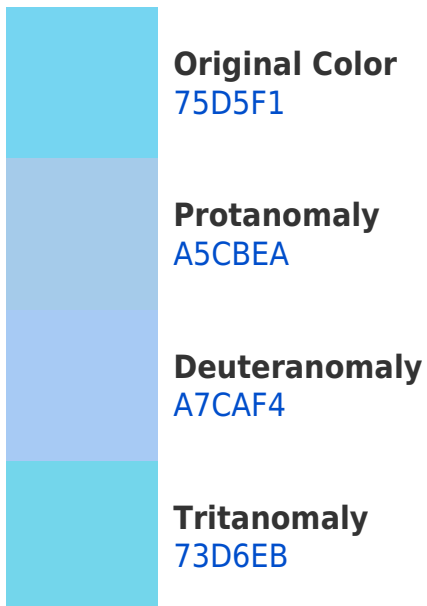
## Dichromacy



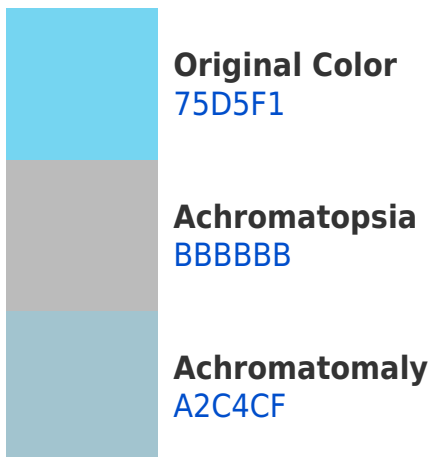


**Tritanopia**  
72D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75D5F1 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 #75D5F1 looks like.

```
.text, #text, p{  
    color:#75D5F1  
}
```

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 #75D5F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D5F1
}
```

## Border

The CSS property to change the border of an element to Hex 75D5F1 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
#75D5F1 }
```

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

```
.border{ border-color:#75D5F1 }
```

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

Here you see how a box with a 4 pixel #75D5F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D5F1; -webkit-box-shadow:4px 4px  
4px 4px #75D5F1; box-shadow:4px 4px 4px  
4px #75D5F1 }
```

# Background

The CSS property to change the background color of an element to Hex 75D5F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D5F1 }
```

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

```
.background{ background-color:#75D5F1 }
```

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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