

# Converting Colors

Hex(70DEF3)

Have a look what the booklet for  
Hex(70DEF3) contains.

|  |    |
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# **Color**

**Hex(70DEF3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 70DEF3                       |
| RGB         | 112, 222, 243                |
| RGB Percent | 44%, 87%, 95%                |
| CMY         | 0.5608, 0.1294, 0.0471       |
| CMYK        | 0.54, 0.09, 0.00, 0.05       |
| HSL         | 190°, 85%, 70%               |
| HSV         | 190°, 54%, 95%               |
| XYZ         | 48.9810, 62.1584, 94.2102    |
| YIQ         | 191.5040, -72.3010, -16.7890 |

# Conversions

## Conversions Part 2

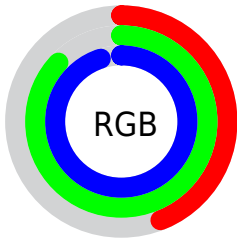
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">112, 172, 243</a>               |
| Decimal                             | <a href="#">7397107</a>                     |
| CIELab                              | <a href="#">83.00, -25.85, -19.89</a>       |
| CIELCh                              | <a href="#">83, 32.617, 217.585</a>         |
| Yxy                                 | <a href="#">62.1584, 0.2385, 0.3027</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285587187<br/>(0xFF70DEF3)</a> |
| YUV                                 | <a href="#">191.5040, 25.3875, -69.7250</a> |
| Hunter-Lab                          | <a href="#">78.8406, -27.0749, -15.6599</a> |

# Details

The Hex color **70DEF3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F38570**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **ACFFFF**, and **2BA7BB** is the 20% darker color. If you saturate the color by 10%, you get **58DAF3**, and if you desaturate by 10%, it is **88E2F3**.

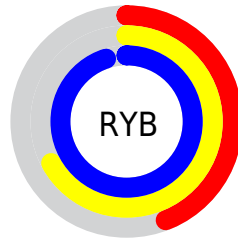
# Distribution



Red (44%)

Green (87%)

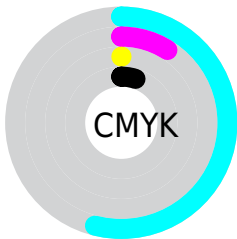
Blue (95%)



Red (44%)

Yellow (67%)

Blue (95%)

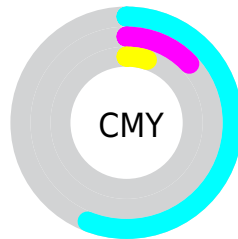


Cyan (54%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (13%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70DEF3 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 70DEF3 by changing the saturation by 10% instead.



 70DEF3

 70DEF3

FFFFFF

 50C2D7

 ACFFFF

 2BA7BB

 CAFFFF

 008CA0

 E9FFFF

 007286

 00596C

 004254

 002B3D

 001427

 000111

 70DEF3

 70DEF3

 58DAF3

 88E2F3

 3FD6F3

 A1E6F3

 27D2F3

 B9EAF3

 0FCEF3

 D1EEF3

 00CCF3

 E9F1F3

 FFF5F3

 FFF9F3

 FFFDF3

 FFFFF3

# Harmonies

## Analogous

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



79E0D6



70DEF3



88D8FF

# Triad

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



70DEF3



FCBBE7



DDCF92

# Complementary

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



70DEF3



F38570

# 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.



F9C597



70DEF3



FFB8C8

# Square

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



70DEF3



DDC4FF



FFBCAB



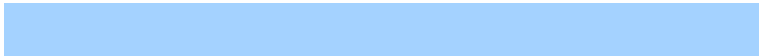
BBD89D

# Rectangle

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



70DEF3



A4D2FF



FFBCAB



E7CC92

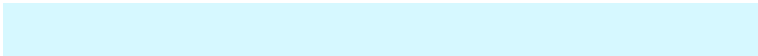


# Sweetspot

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



70DEF3



D6F8FF



70F384



677C80



000000



808080

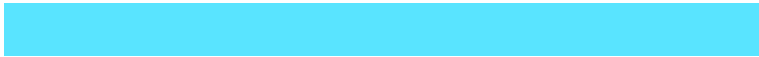


# Same Dimension

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



70DEF3



59E4FF



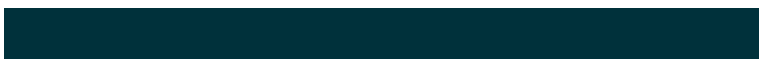
709EF3



6E787A



009CBA



00313B



# Inverse Universe

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



F370DE



FF59E4



F3C570



7A6E78



BA009C

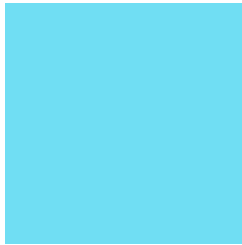


3B0031



# Previews

## White Background



This preview shows how the Hex color 70DEF3 looks on a white background.

## Color Contrast Check

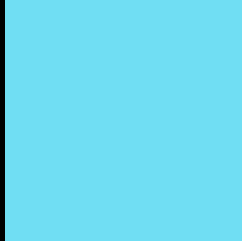
Large Text (above 18pt) WCAG AA × Fail

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 70DEF3 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 70DEF3 Background



This preview shows how black text looks on a background with the Hex color 70DEF3.

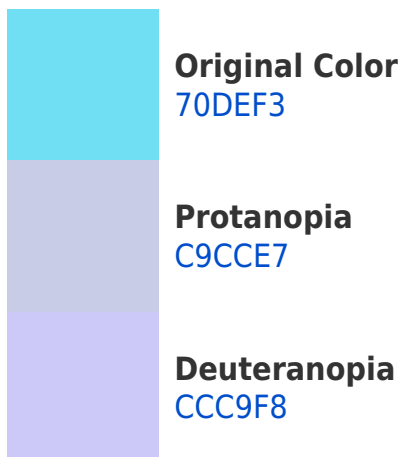


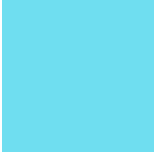
This preview shows how white text looks on a background with the Hex color 70DEF3.

# 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](#).

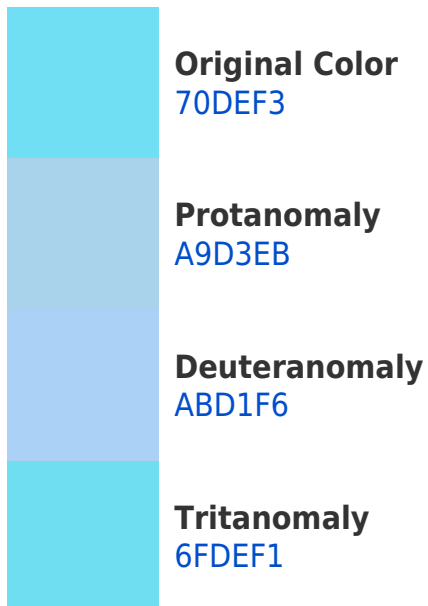
## Dichromacy



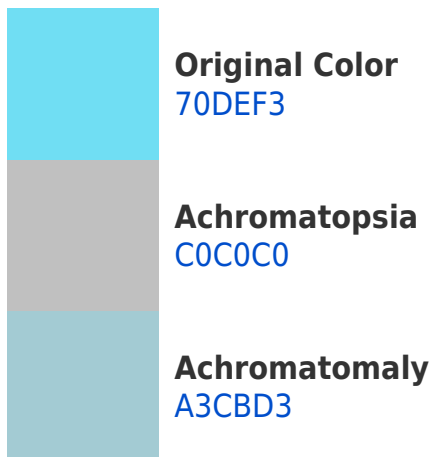


**Tritanopia**  
6FDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70DEF3 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 #70DEF3 looks like.

```
.text, #text, p{  
    color:#70DEF3  
}
```

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 #70DEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70DEF3
}
```

## Border

The CSS property to change the border of an element to Hex 70DEF3 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
#70DEF3 }
```

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

```
.border{ border-color:#70DEF3 }
```

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

Here you see how a box with a 4 pixel #70DEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70DEF3; -webkit-box-shadow:4px 4px  
4px 4px #70DEF3; box-shadow:4px 4px 4px  
4px #70DEF3 }
```

# Background

The CSS property to change the background color of an element to Hex 70DEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70DEF3 }
```

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

```
.background{ background-color:#70DEF3 }
```

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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