

# Converting Colors

Decimal(6747380)

Have a look what the booklet for  
Decimal(6747380) contains.

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# **Color**

**Decimal(6747380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66F4F4
RGB	102, 244, 244
RGB Percent	40%, 96%, 96%
CMY	0.6000, 0.0431, 0.0431
CMYK	0.58, 0.00, 0.00, 0.04
HSL	180°, 87%, 68%
HSV	180°, 58%, 96%
XYZ	54.1593, 74.0578, 97.0280
YIQ	201.5420, -84.6320, -30.1040

# Conversions

## Conversions Part 2

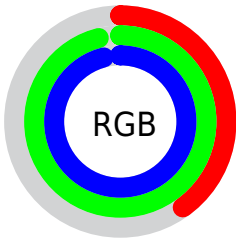
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 173, 244
Decimal	6747380
CIE <sub>Lab</sub>	88.95, -37.85, -11.51
CIE <sub>LCh</sub>	89, 39.560, 196.919
Yxy	74.0578, 0.2404, 0.3288
Android (android.graphics.Color)	4284937460 (0xFF66F4F4)
YUV	201.5420, 20.9318, -87.2983
Hunter-Lab	86.0568, -38.2617, -6.6090

# Details

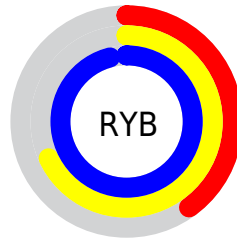
The Decimal color **6747380** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **16016998**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **10944511**, and **179132** is the 20% darker color. If you saturate the color by 10%, you get **5174516**, and if you desaturate by 10%, it is **8320244**.

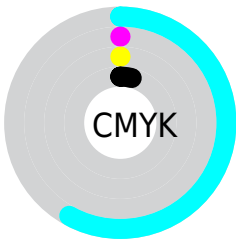
# Distribution



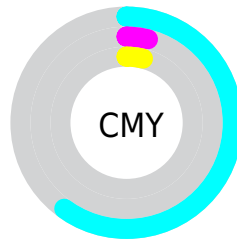
- Red (40%)
- Green (96%)
- Blue (96%)



- Red (40%)
- Yellow (68%)
- Blue (96%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6747380 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 Decimal color 6747380 by changing the saturation by 10% instead.



 6747380

 6747380

16777215

 4380632

 10944511

 179132

 12910591

 41121

 14942207

 34183

 27501

 21077

 14910

 9768

 276

 6747380

 6747380


 5174516

 8320244


 3536116

 9958644

 1963252

 11531508

 324852

 13169908

 62708

 14742772

 16315636

 16774388

# Harmonies

## Analogous

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



9237453



6747380



6680831

# Triad

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



6747380



16764671



16766870

# Complementary

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



6747380



16016998

# 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.



16763818



6747380



16762354

# Square

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



6747380



13491455



16761803



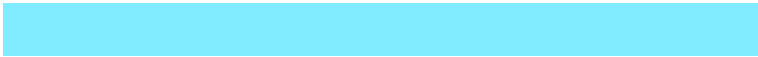
15000726

# Rectangle

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



6747380



8514559



16761803



16765851



# Sweetspot

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



6747380



13959167



6747238



6717568



0



8421504



# Same Dimension

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



6747380



5111807



6729204



7240314



47802



15163



# Inverse Universe

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



16017140



16731647



16035174



8023674



12189882

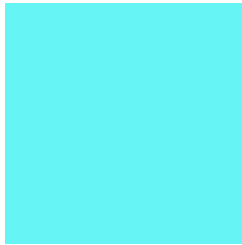


3866683



# Previews

## White Background



This preview shows how the Decimal color 6747380 looks on a white background.

## Color Contrast Check

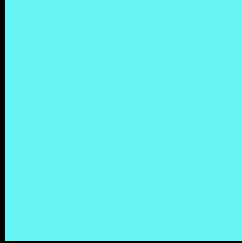
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6747380 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](#).



## Decimal 6747380 Background



This preview shows how black text looks on a background with the Decimal color 6747380.



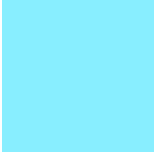
This preview shows how white text looks on a background with the Decimal color 6747380.

# 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](#).

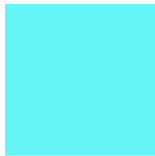
## Dichromacy





**Tritanopia**  
8974079

# Trichromacy



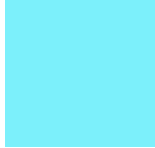
**Original Color**  
6747380



**Protanomaly**  
11789803



**Deuteranomaly**  
12051192

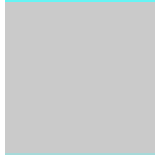


**Tritanomaly**  
8188155

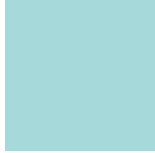
# Monochromacy



**Original Color**  
6747380



**Achromatopsia**  
13290186



**Achromatomaly**  
10934745

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6747380 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 #66F4F4 looks like.

```
.text, #text, p{  
    color:#66F4F4  
}
```

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 #66F4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F4F4
}
```

## Border

The CSS property to change the border of an element to Decimal 6747380 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
#66F4F4 }
```

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

```
.border{ border-color:#66F4F4 }
```

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

Here you see how a box with a 4 pixel #66F4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F4F4; -webkit-box-shadow:4px 4px  
4px 4px #66F4F4; box-shadow:4px 4px 4px  
4px #66F4F4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6747380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F4F4 }
```

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

```
.background{ background-color:#66F4F4 }
```

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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