

# Converting Colors

Decimal(6750187)

Have a look what the booklet for  
Decimal(6750187) contains.

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# **Color**

**Decimal(6750187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66FFEB
RGB	102, 255, 235
RGB Percent	40%, 100%, 92%
CMY	0.6000, 0.0000, 0.0784
CMYK	0.60, 0.00, 0.08, 0.00
HSL	172°, 100%, 70%
HSV	172°, 60%, 100%
XYZ	56.2349, 80.3429, 91.1411
YIQ	206.9730, -84.7680, -38.6560

# Conversions

## Conversions Part 2

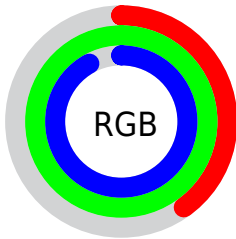
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 184, 255
Decimal	6750187
CIELab	91.84, -45.07, -2.56
CIELCh	92, 45.142, 183.249
Yxy	80.3429, 0.2469, 0.3528
Android (android.graphics.Color)	4284940267 (0xFF66FFEB)
YUV	206.9730, 13.8173, -92.0613
Hunter-Lab	89.6342, -44.8722, 2.4572

# Details

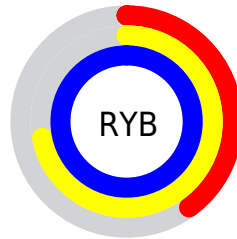
The Decimal color **6750187** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **16737914**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **10944511**, and **50867** is the 20% darker color. If you saturate the color by 10%, you get **5111784**, and if you desaturate by 10%, it is **8454126**.

# Distribution



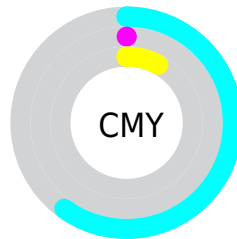
- Red (40%)
- Green (100%)
- Blue (92%)



- Red (40%)
- Yellow (72%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6750187 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 6750187 by changing the saturation by 10% instead.



 6750187

 6750187

16777215

 4317903

 10944511

 50867

 12976127

 43673

 15007743

 36735

 29798

 23374

 16951

 11298

 3340

■ 6750187

■ 6750187

■ 5111784

■ 8454126

■ 3407844

■ 10092530

■ 1703905

■ 11796469

■ 65502

■ 13434872

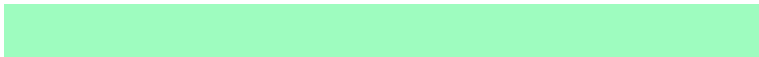
■ 15138812

16777215

# Harmonies

## Analogous

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



10419391



6750187



4193791

# Triad

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



6750187



15981567



16767131

# Complementary

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



6750187



16737914

# 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.



16763834



6750187



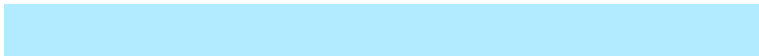
16764159

# Square

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



6750187



11725567



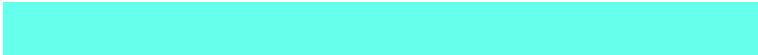
16762596



16770704

# Rectangle

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



6750187



5569023



16762596



16765860

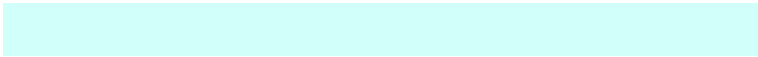


# Sweetspot

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



6750187



13762553



8060774



6520956



0

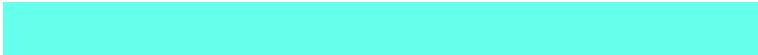


8421504



# Same Dimension

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



6750187



4718567



6735871



7569534



49062



16439



# Inverse Universe

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



16737914



16729951



16752230



8418164



12517401

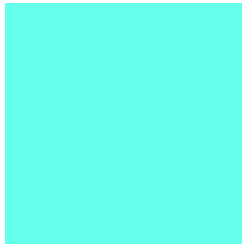


4194312



# Previews

## White Background



This preview shows how the Decimal color 6750187 looks on a white background.

## Color Contrast Check

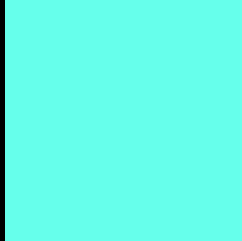
Large Text (above 18pt) WCAG AA × Fail

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 6750187 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

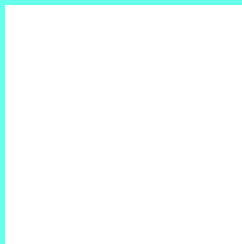
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6750187 Background



This preview shows how black text looks on a background with the Decimal color 6750187.

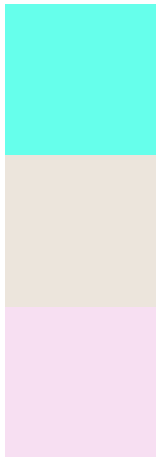


This preview shows how white text looks on a background with the Decimal color 6750187.

# 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



**Original Color**  
6750187

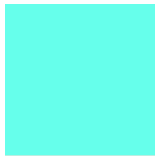
**Protanopia**  
15525340

**Deuteranopia**  
16244722



**Tritanopia**  
11334399

# Trichromacy



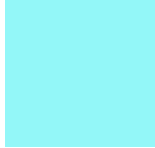
**Original Color**  
6750187



**Protanomaly**  
12316385



**Deuteranomaly**  
12774383

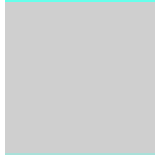


**Tritanomaly**  
9697272

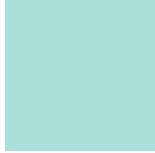
# Monochromacy



**Original Color**  
6750187



**Achromatopsia**  
13619151



**Achromatomaly**  
11133145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6750187 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 #66FFEB looks like.

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

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 #66FFEB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 6750187 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
#66FFEB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 6750187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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