

# Converting Colors

Decimal(5761791)

Have a look what the booklet for  
Decimal(5761791) contains.

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# **Color**

**Decimal(5761791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57EAF7
RGB	87, 234, 255
RGB Percent	34%, 92%, 100%
CMY	0.6588, 0.0824, 0.0000
CMYK	0.66, 0.08, 0.00, 0.00
HSL	188°, 100%, 67%
HSV	188°, 66%, 100%
XYZ	51.4033, 68.0919, 105.0415
YIQ	192.4410, -94.3530, -24.6330

# Conversions

## Conversions Part 2

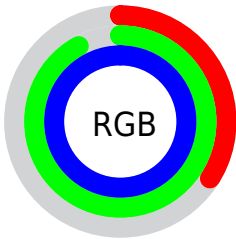
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	87, 165, 255
Decimal	5761791
CIE <sub>Lab</sub>	86.05, -32.51, -21.67
CIE <sub>LCh</sub>	86, 39.071, 213.681
Yxy	68.0919, 0.2289, 0.3033
Android (android.graphics.Color)	4283951871 (0xFF57EAFF)
YUV	192.4410, 30.8416, -92.4718
Hunter-Lab	82.5178, -33.2121, -17.7111

# Details

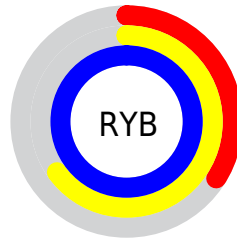
The Decimal color **5761791** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16739415**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **10158079**, and **45766** is the 20% darker color. If you saturate the color by 10%, you get **4122623**, and if you desaturate by 10%, it is **7466495**.

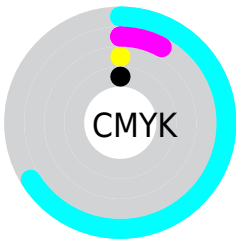
# Distribution



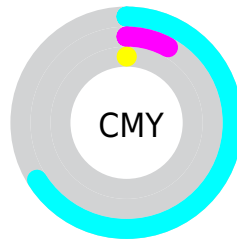
- Red (34%)
- Green (92%)
- Blue (100%)



- Red (34%)
- Yellow (65%)
- Blue (100%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5761791 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 5761791 by changing the saturation by 10% instead.



5761791

5761791

16777215

2871010

10158079

45766

12255231

38827

14286847

32144

16318463

25463

19294

13126

7984

283

■ 5761791

■ 5761791

■ 4122623

■ 7466495

■ 2417919

■ 9105663

■ 778495

■ 10810623

■ 57343

■ 12449791

■ 14154495

■ 15793663

16777215

# Harmonies

## Analogous

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



7269339



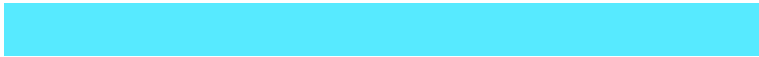
5761791



7660799

# Triad

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



5761791



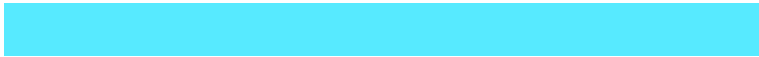
16761081



15521421

# Complementary

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



5761791



16739415

# 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.



16763542



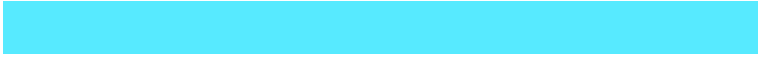
5761791



16759764

# Square

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



5761791



14863615



16760752



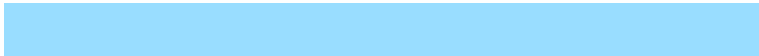
12968345

# Rectangle

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



5761791



10083839



16760752



16306830

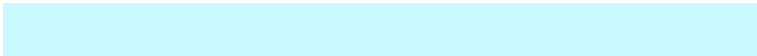


# Sweetspot

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



5761791



13433343



5767019



6388864



0



8421504

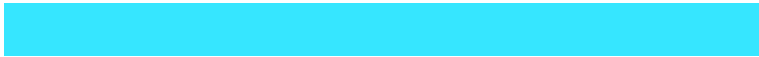


# Same Dimension

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



5761791



3598079



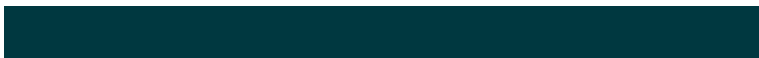
5740543



7569024



42943



14400



# Inverse Universe

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



16734186



16725734



16760663



8418174



12517543

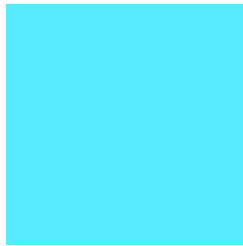


4194360



# Previews

## White Background



This preview shows how the Decimal color 5761791 looks on a white background.

## Color Contrast Check

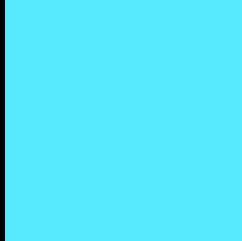
Large Text (above 18pt) WCAG AA × Fail

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 5761791 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 5761791 Background



This preview shows how black text looks on a background with the Decimal color 5761791.



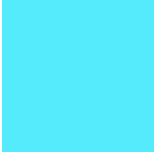
This preview shows how white text looks on a background with the Decimal color 5761791.

# 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



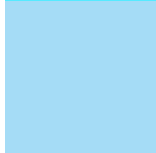


**Tritanopia**  
5696253

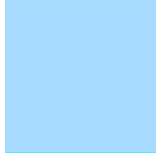
# Trichromacy



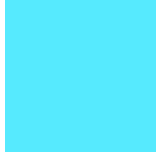
**Original Color**  
5761791



**Protanomaly**  
10870006

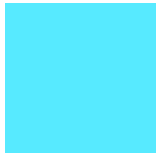


**Deuteranomaly**  
10935295

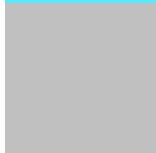


**Tritanomaly**  
5696254

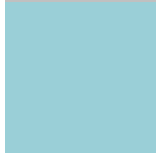
# Monochromacy



**Original Color**  
5761791



**Achromatopsia**  
12632256



**Achromatomaly**  
10145751

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5761791 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 #57EAFB looks like.

```
.text, #text, p{  
    color:#57EAFB  
}
```

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 #57E AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E AFF
}
```

## Border

The CSS property to change the border of an element to Decimal 5761791 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
#57E AFF }
```

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

```
.border{ border-color:#57EAFf }
```

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

Here you see how a box with a 4 pixel #57EAFf colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57EAFf; -webkit-box-shadow:4px 4px  
4px 4px #57EAFf; box-shadow:4px 4px 4px  
4px #57EAFf }
```

# Background

The CSS property to change the background color of an element to Decimal 5761791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57EAFf }
```

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

```
.background{ background-color:#57EAFf }
```

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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