

# Converting Colors

Decimal(5957625)

Have a look what the booklet for  
Decimal(5957625) contains.

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# **Color**

**Decimal(5957625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AE7F9
RGB	90, 231, 249
RGB Percent	35%, 91%, 98%
CMY	0.6471, 0.0941, 0.0235
CMYK	0.64, 0.07, 0.00, 0.02
HSL	187°, 93%, 66%
HSV	187°, 64%, 98%
XYZ	49.8912, 66.1650, 99.7641
YIQ	190.8930, -89.8140, -24.2940

# Conversions

## Conversions Part 2

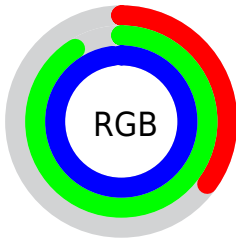
Format	Color
R <sub>Y</sub> B	90, 165, 249
Decimal	5957625
CIE Lab	85.08, -32.36, -19.98
CIE LCh	85, 38.027, 211.690
Yxy	66.1650, 0.2312, 0.3066
Android (android.graphics.Color)	4284147705 (0xFF5AE7F9)
YUV	190.8930, 28.6468, -88.4832
Hunter-Lab	81.3419, -32.8649, -15.7786

# Details

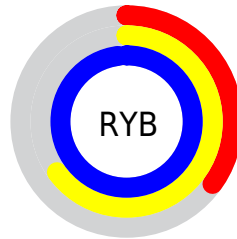
The Decimal color **5957625** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16346202**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **10289151**, and **44993** is the 20% darker color. If you saturate the color by 10%, you get **4318457**, and if you desaturate by 10%, it is **7596793**.

# Distribution



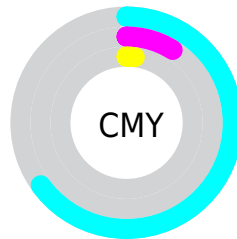
- Red (35%)
- Green (91%)
- Blue (98%)



- Red (35%)
- Yellow (65%)
- Blue (98%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (65%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5957625 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 5957625 by changing the saturation by 10% instead.



 5957625

 5957625

16777215

 3328988

 10289151

 44993

 12320767

 38053

 14352383

 31371

 16383999

 24946

 18521

 12610

 7211

 279

■ 5957625

■ 5957625

■ 4318457

■ 7596793

■ 2679289

■ 9235961

■ 1040377

■ 10874873

■ 56825

■ 12514041

■ 14087673

■ 15726841

■ 16776185

■ 16776953

■ 16777209

# Harmonies

## Analogous

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



7465173



5957625



7528959

# Triad

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



5957625



16760823



15455116

# Complementary

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



5957625



16346202

# 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.



16762774



5957625



16759252

# Square

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



5957625



14470143



16760241



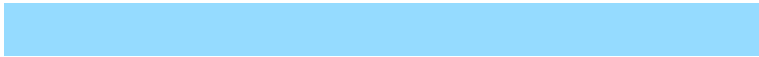
12967574

# Rectangle

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



5957625



9821183



16760241



16174990

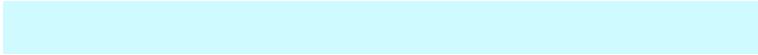


# Sweetspot

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



5957625



13630207



5962090



6454400



0



8421504

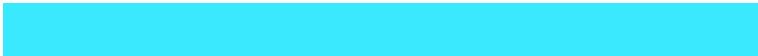


# Same Dimension

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



5957625



3926527



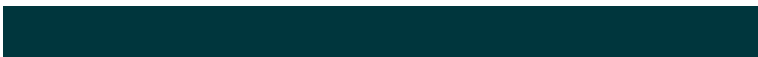
5937913



7371901



42941



13885



# Inverse Universe

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



16341735



16727017



16365914



8220796



12386471

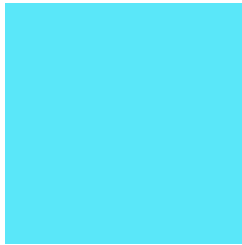


3997750



# Previews

## White Background



This preview shows how the Decimal color 5957625 looks on a white background.

## Color Contrast Check

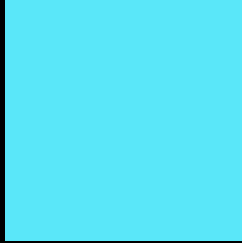
Large Text (above 18pt) WCAG AA × Fail

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 5957625 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 5957625 Background



This preview shows how black text looks on a background with the Decimal color 5957625.



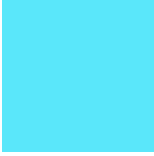
This preview shows how white text looks on a background with the Decimal color 5957625.

# 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



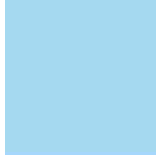


**Tritanopia**  
5957626

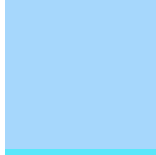
# Trichromacy



**Original Color**  
5957625



**Protanomaly**  
10869232



**Deuteranomaly**  
10934268

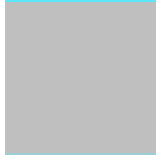


**Tritanomaly**  
5957626

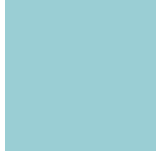
# Monochromacy



**Original Color**  
5957625



**Achromatopsia**  
12566463



**Achromatomaly**  
10145492

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5957625 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 #5AE7F9 looks like.

```
.text, #text, p{  
    color:#5AE7F9  
}
```

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 #5AE7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE7F9
}
```

## Border

The CSS property to change the border of an element to Decimal 5957625 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
#5AE7F9 }
```

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

```
.border{ border-color:#5AE7F9 }
```

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

Here you see how a box with a 4 pixel #5AE7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE7F9; -webkit-box-shadow:4px 4px  
4px 4px #5AE7F9; box-shadow:4px 4px 4px  
4px #5AE7F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5957625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE7F9 }
```

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

```
.background{ background-color:#5AE7F9 }
```

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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