

# Converting Colors

Decimal(6273273)

Have a look what the booklet for  
Decimal(6273273) contains.

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# **Color**

**Decimal(6273273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FB8F9
RGB	95, 184, 249
RGB Percent	37%, 72%, 98%
CMY	0.6275, 0.2784, 0.0235
CMYK	0.62, 0.26, 0.00, 0.02
HSL	205°, 93%, 67%
HSV	205°, 62%, 98%
XYZ	38.9587, 43.5534, 95.9758
YIQ	164.7990, -73.9090, 1.3470

# Conversions

## Conversions Part 2

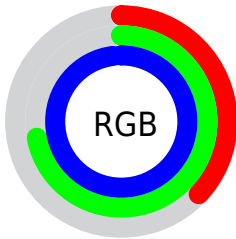
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 151, 249
Decimal	6273273
CIE Lab	71.93, -7.59, -40.16
CIE LCh	72, 40.872, 259.298
Yxy	43.5534, 0.2183, 0.2440
Android (android.graphics.Color)	4284463353 (0xFF5FB8F9)
YUV	164.7990, 41.5111, -61.2137
Hunter-Lab	65.9950, -10.1178, -40.0283

# Details

The Decimal color **6273273** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **16359519**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **10350847**, and **33728** is the 20% darker color. If you saturate the color by 10%, you get **4632057**, and if you desaturate by 10%, it is **7914489**.

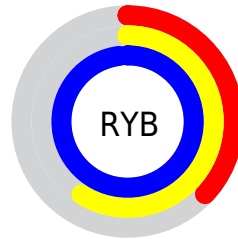
# Distribution



Red (37%)

Green (72%)

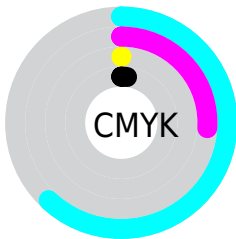
Blue (98%)



Red (37%)

Yellow (59%)

Blue (98%)

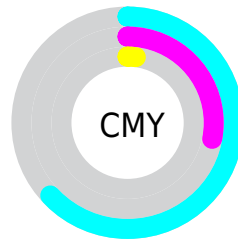


Cyan (62%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (63%)

Magenta (28%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6273273 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 6273273 by changing the saturation by 10% instead.



■ 6273273

■ 6273273

16777215

■ 3972572

■ 10350847

■ 33728

■ 12320767

■ 27301

■ 14352383

■ 21130

■ 16318463

■ 15217

■ 9816

■ 4672

■ 809

■ 275

■ 6273273

■ 6273273

■ 4632057

■ 7914489

■ 2991097

■ 9555449

■ 1349881

■ 11196665

■ 37113

■ 12837625

■ 14413305

■ 16054265

■ 16777209

# Harmonies

## Analogous

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



49384



6273273



10530039

# Triad

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



6273273



16356506



8830590

# Complementary

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



6273273



16359519

# 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.



11581032



6273273



15637881

# Square

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



6273273



15766719



13936999



5489569

# Rectangle

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



6273273



12821226



13936999



9747573

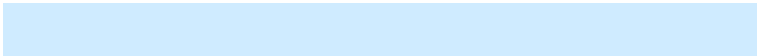


# Sweetspot

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



6273273



13626367



6289823



6452096



0



8421504



# Same Dimension

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



6273273



4370431



6253817



7370877



28093



9021



# Inverse Universe

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



16342968



16728751



16378975



8220792



12386413

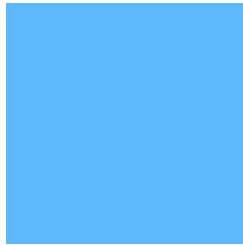


3997731



# Previews

## White Background



This preview shows how the Decimal color 6273273 looks on a white background.

## Color Contrast Check

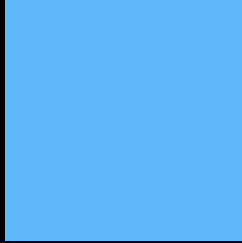
Large Text (above 18pt) WCAG AA × Fail

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 6273273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

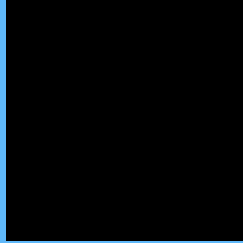
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

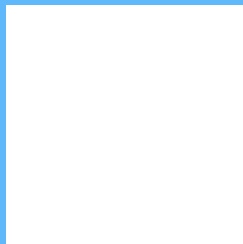
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6273273 Background



This preview shows how black text looks on a background with the Decimal color 6273273.



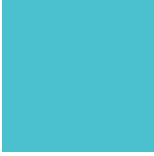
This preview shows how white text looks on a background with the Decimal color 6273273.

# 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](#).

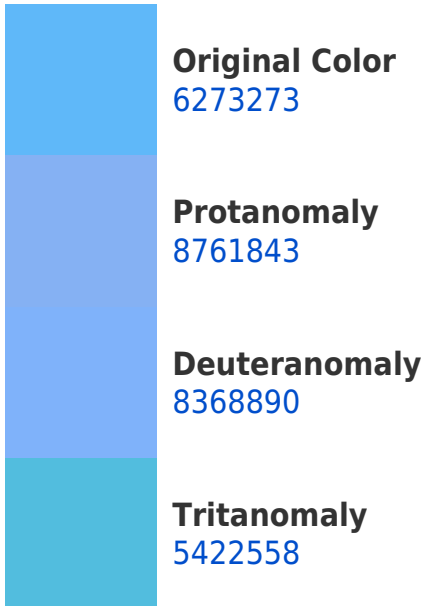
## Dichromacy





**Tritanopia**  
4964559

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6273273 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 #5FB8F9 looks like.

```
.text, #text, p{  
  color:#5FB8F9  
}
```

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 #5FB8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB8F9
}
```

## Border

The CSS property to change the border of an element to Decimal 6273273 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
#5FB8F9 }
```

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

```
.border{ border-color:#5FB8F9 }
```

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

Here you see how a box with a 4 pixel #5FB8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB8F9; -webkit-box-shadow:4px 4px  
4px 4px #5FB8F9; box-shadow:4px 4px 4px  
4px #5FB8F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 6273273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB8F9 }
```

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

```
.background{ background-color:#5FB8F9 }
```

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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