

# Converting Colors

Decimal(6397180)

Have a look what the booklet for  
Decimal(6397180) contains.

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# **Color**

**Decimal(6397180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	619CFC
RGB	97, 156, 252
RGB Percent	38%, 61%, 99%
CMY	0.6196, 0.3882, 0.0118
CMYK	0.62, 0.38, 0.00, 0.01
HSL	217°, 96%, 68%
HSV	217°, 62%, 99%
XYZ	34.3889, 33.3466, 96.7195
YIQ	149.3030, -65.9800, 17.3480

# Conversions

## Conversions Part 2

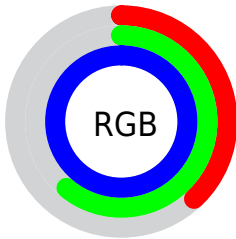
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 140, 252
Decimal	6397180
CIE Lab	64.44, 9.56, -53.57
CIE LCh	64, 54.412, 280.117
Yxy	33.3466, 0.2091, 0.2028
Android (android.graphics.Color)	4284587260 (0xFF619CFC)
YUV	149.3030, 50.6296, -45.8697
Hunter-Lab	57.7465, 5.2430, -58.8821

# Details

The Decimal color **6397180** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16564577**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **10474239**, and **354755** is the 20% darker color. If you saturate the color by 10%, you get **4754684**, and if you desaturate by 10%, it is **8039676**.

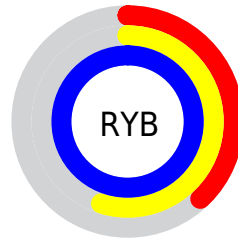
# Distribution



Red (38%)

Green (61%)

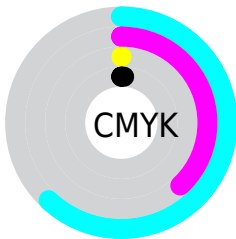
Blue (99%)



Red (38%)

Yellow (55%)

Blue (99%)

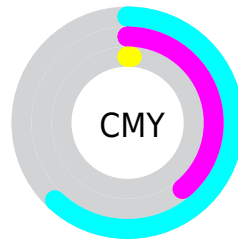


Cyan (62%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (62%)

Magenta (39%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6397180 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 6397180 by changing the saturation by 10% instead.



■ 6397180

■ 6397180

16777215

■ 4096735

■ 10474239

■ 354755

■ 12447487

■ 21159

■ 14417919

■ 15244

■ 16449535

■ 10098

■ 4953

■ 1857

■ 810

■ 276

■ 6397180

■ 6397180

■ 4754684

■ 8039676

■ 3112444

■ 9681916

■ 1404412

■ 11389948

■ 24828

■ 13032188

■ 14674684

■ 16317180

16777212

# Harmonies

## Analogous

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



43767



6397180



11897319

# Triad

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



6397180



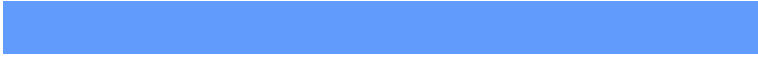
15629408



1159801

# Complementary

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



6397180



16564577

# 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.



7580494



6397180



13798975

# Square

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



6397180



16150926



11050806



46252

# Rectangle

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



6397180



14187725



11050806



4436074



# Sweetspot

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



6397180



13755391



6421697



6516352



0

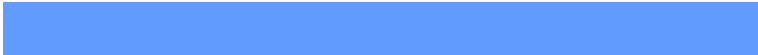


8421504



# Same Dimension

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



6397180



4360959



7561724



7370109



18621



5949



# Inverse Universe

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



16540060



16728714



15400033



8220789



12386376

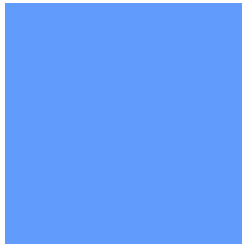


3997719



# Previews

## White Background



This preview shows how the Decimal color 6397180 looks on a white background.

## Color Contrast Check

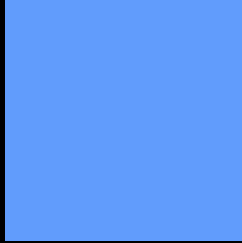
Large Text (above 18pt) WCAG AA × Fail

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 6397180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

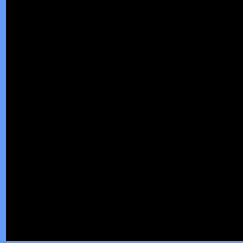
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

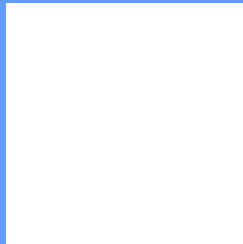
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6397180 Background



This preview shows how black text looks on a background with the Decimal color 6397180.




This preview shows how white text looks on a background with the Decimal color 6397180.

# 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](#).

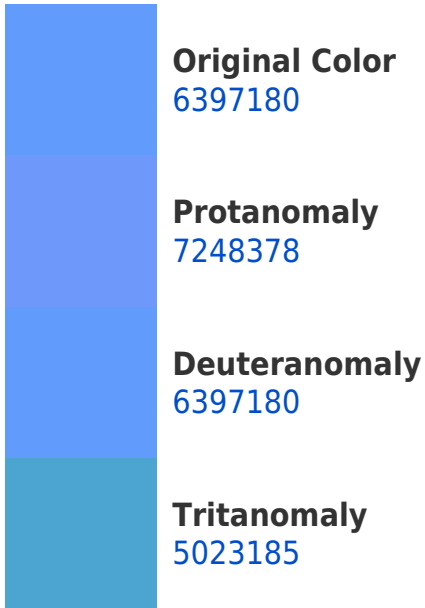
## Dichromacy



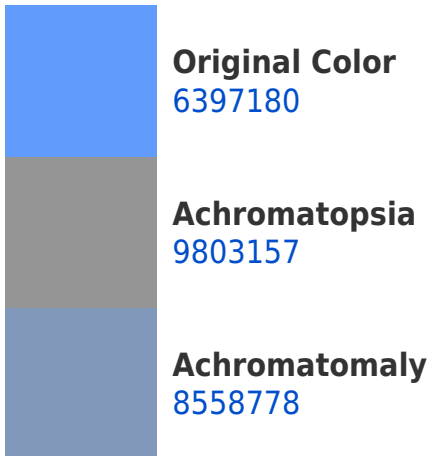


**Tritanopia**  
4238008

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6397180 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 #619CFC looks like.

```
.text, #text, p{  
    color:#619CFC  
}
```

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 #619CFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619CFC
}
```

## Border

The CSS property to change the border of an element to Decimal 6397180 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
#619CFC }
```

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

```
.border{ border-color:#619CFC }
```

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

Here you see how a box with a 4 pixel #619CFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619CFC; -webkit-box-shadow:4px 4px  
4px 4px #619CFC; box-shadow:4px 4px 4px  
4px #619CFC }
```

# Background

The CSS property to change the background color of an element to Decimal 6397180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619CFC }
```

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

```
.background{ background-color:#619CFC }
```

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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