

# Converting Colors

Decimal(6371578)

Have a look what the booklet for  
Decimal(6371578) contains.

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**Color**

**Decimal(6371578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6138FA
RGB	97, 56, 250
RGB Percent	38%, 22%, 98%
CMY	0.6196, 0.7804, 0.0196
CMYK	0.61, 0.78, 0.00, 0.02
HSL	253°, 95%, 60%
HSV	253°, 78%, 98%
XYZ	23.5993, 12.2719, 91.5674
YIQ	90.3750, -37.8380, 69.0260

# Conversions

## Conversions Part 2

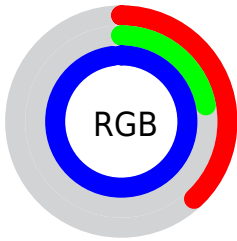
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 56, 250
Decimal	6371578
CIE Lab	41.64, 65.79, -89.39
CIE LCh	42, 110.993, 306.352
Yxy	12.2719, 0.1852, 0.0963
Android (android.graphics.Color)	4284561658 (0xFF6138FA)
YUV	90.3750, 78.6951, 5.8101
Hunter-Lab	35.0312, 58.9443, -130.4550

# Details

The Decimal color **6371578** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **13761080**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **10710527**, and **192** is the 20% darker color. If you saturate the color by 10%, you get **5054458**, and if you desaturate by 10%, it is **7688698**.

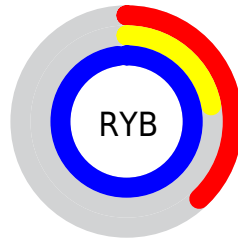
# Distribution



Red (38%)

Green (22%)

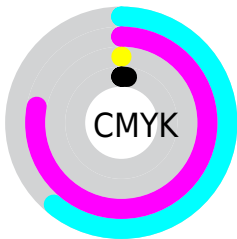
Blue (98%)



Red (38%)

Yellow (22%)

Blue (98%)

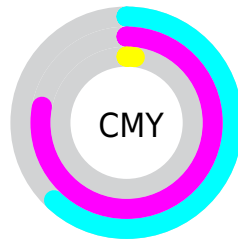


Cyan (61%)

Magenta (78%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (78%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6371578 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 6371578 by changing the saturation by 10% instead.



6371578

6371578

16777215

3808477

10710527

192

12814591

164

14853119

137

16760831

110

16768255

3156

16775679

1596

549

270

■ 6371578

■ 6371578

■ 5054458

■ 7688698

■ 3802874

■ 8940282

■ 3473658

■ 10257402

■ 11574522

■ 12891642

■ 14143226

■ 15460346

■ 16777210

# Harmonies

## Analogous

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



28159



6371578



13959342

# Triad

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



6371578



11484160



33141

# Complementary

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



6371578



13761080

# 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.



32256



6371578



6776320

# Square

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



6371578



14811136



30464



33743

# Rectangle

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



6371578



15728754



30464



32852



# Sweetspot

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



6371578



13747455



3724282



6511744



0



8421504



# Same Dimension

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



6371578



4461311



12597498



7565437



2621629



852029



# Inverse Universe

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



16398545



16716493



7535160



8220794



12386453

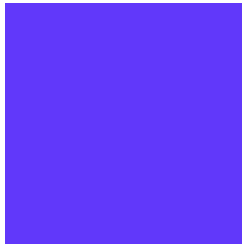


3997744



# Previews

## White Background



This preview shows how the Decimal color 6371578 looks on a white background.

## Color Contrast Check

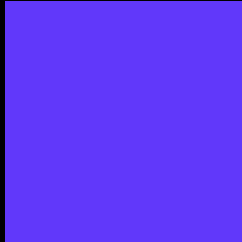
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6371578 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

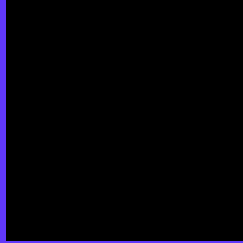
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6371578 Background



This preview shows how black text looks on a background with the Decimal color 6371578.



This preview shows how white text looks on a background with the Decimal color 6371578.

# Color Blindness Simulation

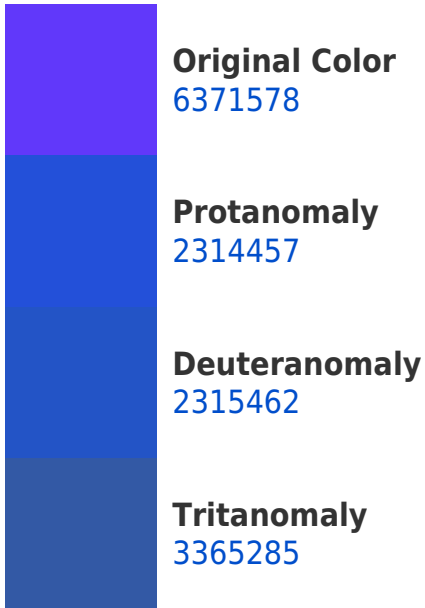
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6371578 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 #6138FA looks like.

```
.text, #text, p{  
    color:#6138FA  
}
```

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 #6138FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6138FA
}
```

## Border

The CSS property to change the border of an element to Decimal 6371578 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
#6138FA }
```

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

```
.border{ border-color:#6138FA }
```

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

Here you see how a box with a 4 pixel #6138FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6138FA; -webkit-box-shadow:4px 4px  
4px 4px #6138FA; box-shadow:4px 4px 4px  
4px #6138FA }
```

# Background

The CSS property to change the background color of an element to Decimal 6371578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6138FA }
```

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

```
.background{ background-color:#6138FA }
```

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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