

Converting Colors

Decimal(6379758)

Have a look what the booklet for
Decimal(6379758) contains.

Decimal(6379758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6379758)

Conversions

Conversions Part 1

Format	Color
Hex	6158EE
RGB	97, 88, 238
RGB Percent	38%, 35%, 93%
CMY	0.6196, 0.6549, 0.0667
CMYK	0.59, 0.63, 0.00, 0.07
HSL	244°, 82%, 64%
HSV	244°, 63%, 93%
XYZ	23.8521, 15.6939, 82.6610
YIQ	107.7910, -42.7860, 48.5580

Conversions

Conversions Part 2

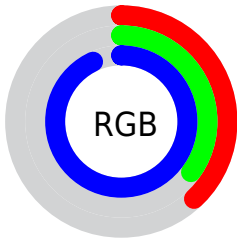
Format	Color
R_{YB}	97, 88, 238
Decimal	6379758
CIE _{Lab}	46.57, 45.68, -74.57
CIE _{LCh}	47, 87.449, 301.490
Yxy	15.6939, 0.1952, 0.1284
Android (android.graphics.Color)	4284569838 (0xFF6158EE)
YUV	107.7910, 64.1930, -9.4637
Hunter-Lab	39.6155, 38.1460, -95.9826

Details

The Decimal color **6379758** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **15068760**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10456063**, and **141749** is the 20% darker color. If you saturate the color by 10%, you get **4931822**, and if you desaturate by 10%, it is **7827694**.

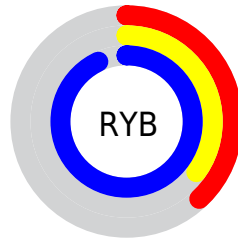
Distribution



Red (38%)

Green (35%)

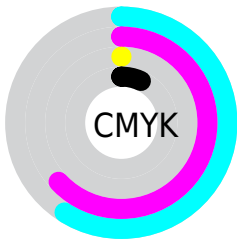
Blue (93%)



Red (38%)

Yellow (35%)

Blue (93%)

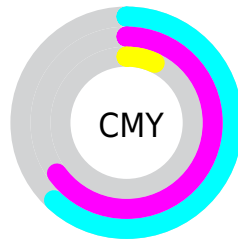


Cyan (59%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (62%)

Magenta (65%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6379758 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 6379758 by changing the saturation by 10% instead.

■ 6379758

■ 6379758

16777215

■ 4079825

■ 10456063

■ 141749

■ 12494335

■ 5017

■ 14467583

■ 382

■ 16506367

■ 100

■ 16775679

■ 2379

■ 1076

■ 542

■ 0

■ 6379758

■ 6379758

■ 4931822

■ 7827694

■ 3418350

■ 9341166

■ 1970670

■ 10788846

■ 917742

■ 12236782

■ 13750254

■ 15198190

■ 16711662

■ 16777198

Harmonies

Analogous

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



30975



6379758



12915638

Triad

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



6379758



12340224



35696

Complementary

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



6379758



15068760

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.



34590



6379758



8678656

Square

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



6379758



14680103



3440384



35770

Rectangle

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



6379758



14745735



3440384



35414

Sweetspot

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



6379758



13750271



5826542



6578816



0



8421504

Same Dimension

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



6379758



4799999



11163886



7171192



721080



196664

Inverse Universe

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



15620325



16727539



10219096



7892087



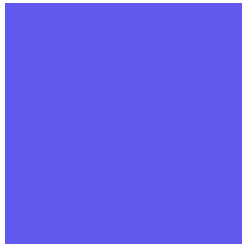
12058797



3670069

Previews

White Background



This preview shows how the Decimal color 6379758 looks on a white background.

Color Contrast Check

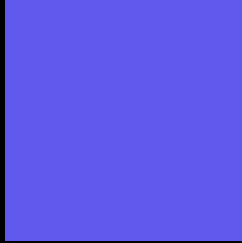
Large Text (above 18pt) WCAG AA ✓ Pass

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 6379758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

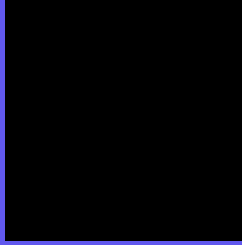
Any Text WCAG AA × Fail

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 6379758 Background



This preview shows how black text looks on a background with the Decimal color 6379758.

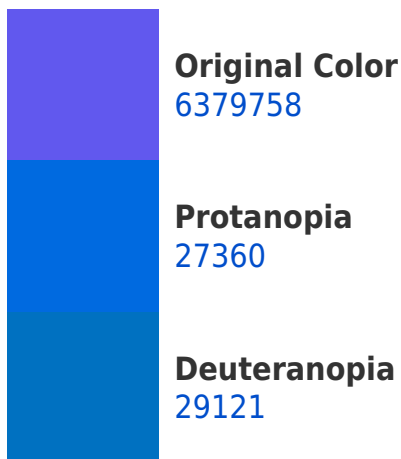


This preview shows how white text looks on a background with the Decimal color 6379758.

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



Original Color

6379758



Protanomaly

2319333



Deuteranomaly

2320593



Tritanomaly

4353193

Monochromacy



Original Color

6379758



Achromatopsia

7105644



Achromatomaly

6841755

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6379758 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 #6158EE looks like.

```
.text, #text, p{  
    color:#6158EE  
}
```

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 #6158EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6158EE
}
```

Border

The CSS property to change the border of an element to Decimal 6379758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

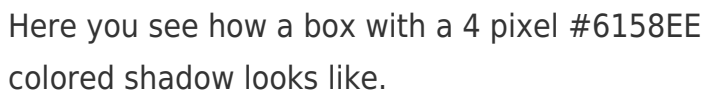
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6158EE }
```

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

```
.border{ border-color:#6158EE }
```

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



Here you see how a box with a 4 pixel #6158EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6158EE; -webkit-box-shadow:4px 4px  
4px 4px #6158EE; box-shadow:4px 4px 4px  
4px #6158EE }
```

Background

The CSS property to change the background color of an element to Decimal 6379758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6158EE }
```

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

```
.background{ background-color:#6158EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor