

Converting Colors

Decimal(6258377)

Have a look what the booklet for
Decimal(6258377) contains.

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Color

Decimal(6258377)

Conversions

Conversions Part 1

Format	Color
Hex	5F7EC9
RGB	95, 126, 201
RGB Percent	37%, 49%, 79%
CMY	0.6275, 0.5059, 0.2118
CMYK	0.53, 0.37, 0.00, 0.21
HSL	222°, 50%, 58%
HSV	222°, 53%, 79%
XYZ	22.7228, 21.5717, 58.2245
YIQ	125.2810, -42.5510, 16.7530

Conversions

Conversions Part 2

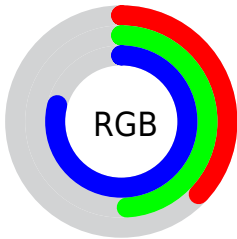
Format	Color
R _Y B	95, 119, 201
Decimal	6258377
CIE Lab	53.57, 10.45, -42.39
CIE LCh	54, 43.657, 283.852
Yxy	21.5717, 0.2216, 0.2104
Android (android.graphics.Color)	4284448457 (0xFF5F7EC9)
YUV	125.2810, 37.3295, -26.5564
Hunter-Lab	46.4453, 6.0497, -41.8151

Details

The Decimal color **6258377** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **13216351**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **9941759**, and **2182802** is the 20% darker color. If you saturate the color by 10%, you get **4944073**, and if you desaturate by 10%, it is **7572681**.

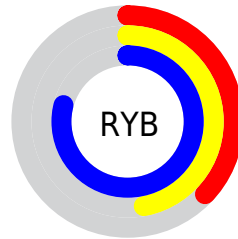
Distribution



Red (37%)

Green (49%)

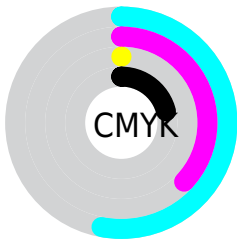
Blue (79%)



Red (37%)

Yellow (47%)

Blue (79%)

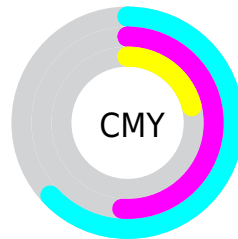


Cyan (53%)

Magenta (37%)

Yellow (0%)

Black (21%)



Cyan (63%)

Magenta (51%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6258377 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 6258377 by changing the saturation by 10% instead.

■ 6258377

■ 6258377

16777215

■ 4351405

■ 9941759

■ 2182802

■ 11849471

■ 14200

■ 13757183

■ 8799

■ 15663103

■ 3143

■ 1072

■ 282

■ 0

■ 6258377

■ 6258377

■ 4944073

■ 7572681

■ 3629769

■ 8886985

■ 2315209

■ 10201545

■ 1000905

■ 11515849

■ 15305

■ 12895689

■ 14209993

■ 15524553

■ 16773321

■ 16776905

Harmonies

Analogous

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



35528



6258377



10055607

Triad

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



6258377



12478798



1217130

Complementary

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



6258377



13216351

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.



5999687



6258377



10975030

Square

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



6258377



13000816



8749875



37777

Rectangle

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



6258377



11691682



8749875



3510365

Sweetspot

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



6258377



14082815



6277545



6778496



0



8421504

Same Dimension

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



6258377



6196735



7626697



5921891



12451



2596

Inverse Universe

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



13197182



16735885



11848031



6511196



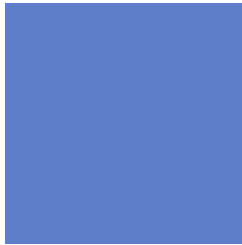
10682416



2359306

Previews

White Background



This preview shows how the Decimal color 6258377 looks on a white background.

Color Contrast Check

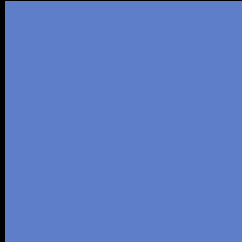
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6258377 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 × Fail

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

Decimal 6258377 Background



This preview shows how black text looks on a background with the Decimal color 6258377.

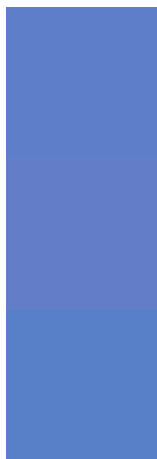


This preview shows how white text looks on a background with the Decimal color 6258377.

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



Original Color


6258377

Protanopia

6585800

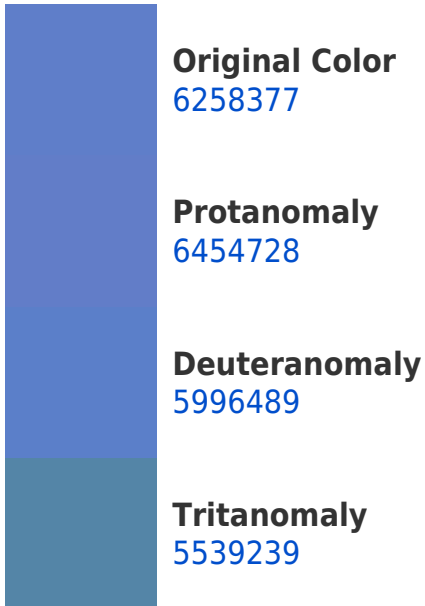
Deuteranopia

5800137



Tritanopia
5081492

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6258377 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 #5F7EC9 looks like.

```
.text, #text, p{  
    color:#5F7EC9  
}
```

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 #5F7EC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7EC9
}
```

Border

The CSS property to change the border of an element to Decimal 6258377 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
#5F7EC9 }
```

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

```
.border{ border-color:#5F7EC9 }
```

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

Here you see how a box with a 4 pixel #5F7EC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7EC9; -webkit-box-shadow:4px 4px  
4px 4px #5F7EC9; box-shadow:4px 4px 4px  
4px #5F7EC9 }
```

Background

The CSS property to change the background color of an element to Decimal 6258377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7EC9 }
```

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

```
.background{ background-color:#5F7EC9 }
```

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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