

# Converting Colors

Decimal(6125560)

Have a look what the booklet for  
Decimal(6125560) contains.

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# **Color**

**Decimal(6125560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D77F8
RGB	93, 119, 248
RGB Percent	36%, 47%, 97%
CMY	0.6353, 0.5333, 0.0275
CMYK	0.62, 0.52, 0.00, 0.03
HSL	230°, 92%, 67%
HSV	230°, 63%, 97%
XYZ	28.0543, 22.2981, 91.6323
YIQ	125.9320, -56.9050, 34.6070

# Conversions

## Conversions Part 2

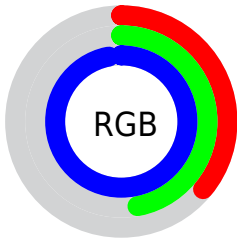
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 115, 248
Decimal	6125560
CIE Lab	54.34, 29.71, -67.55
CIE LCh	54, 73.791, 293.742
Yxy	22.2981, 0.1976, 0.1570
Android (android.graphics.Color)	4284315640 (0xFF5D77F8)
YUV	125.9320, 60.1795, -28.8814
Hunter-Lab	47.2209, 23.4117, -81.9978

# Details

The Decimal color **6125560** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **16309853**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **10267647**, and **18367** is the 20% darker color. If you saturate the color by 10%, you get **4481784**, and if you desaturate by 10%, it is **7769336**.

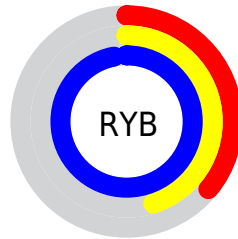
# Distribution



Red (36%)

Green (47%)

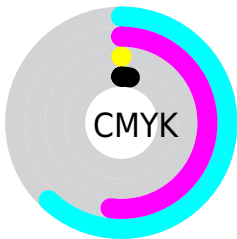
Blue (97%)



Red (36%)

Yellow (45%)

Blue (97%)

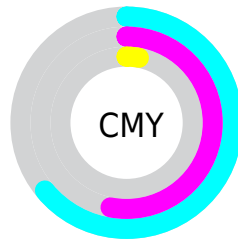


Cyan (62%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (64%)

Magenta (53%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6125560 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 6125560 by changing the saturation by 10% instead.



■ 6125560

■ 6125560

16777215

■ 3760091

■ 10267647

■ 18367

■ 12240639

■ 12707

■ 14279423

■ 7816

■ 16318463

■ 2926

■ 1876

■ 1596

■ 550

■ 270

■ 6125560

■ 6125560

■ 4481784

■ 7769336

■ 2838264

■ 9412856

■ 1260024

■ 10991096

■ 11000

■ 12634872

■ 14278392

■ 15922168

■ 16777208

# Harmonies

## Analogous

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



36607



6125560



12605134

# Triad

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



6125560



14048786



40306

# Complementary

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



6125560



16309853

# 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.



38959



6125560



11041536

# Square

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



6125560



15678803



7114240



40628

# Rectangle

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



6125560



14761639



7114240



40028



# Sweetspot

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



6125560



13621247



6158556



6449024



0



8421504



# Same Dimension

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



6125560



4219135



9330168



7369597



8381



2621



# Inverse Universe

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



16276855



16728160



13105245



8220787



12386336



3997706



# Previews

## White Background



This preview shows how the Decimal color 6125560 looks on a white background.

## Color Contrast Check

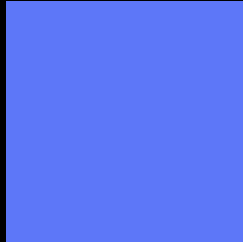
Large Text (above 18pt) WCAG AA ✓ Pass

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 6125560 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 6125560 Background



This preview shows how black text looks on a background with the Decimal color 6125560.

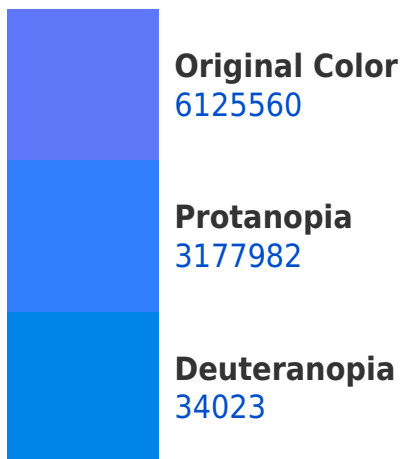


This preview shows how white text looks on a background with the Decimal color 6125560.

# 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](#).

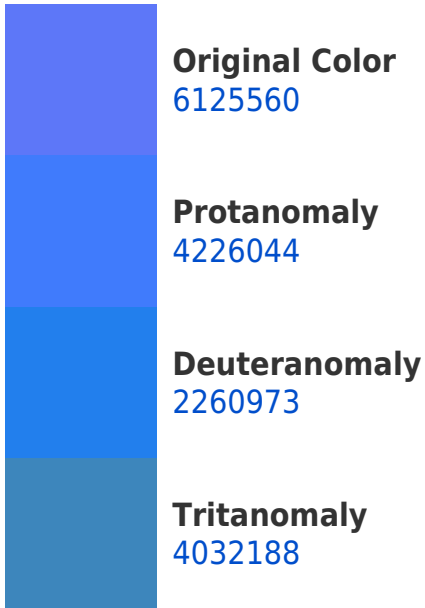
## Dichromacy



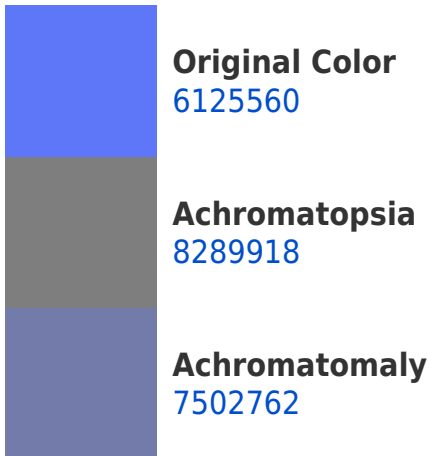


**Tritanopia**  
2789018

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6125560 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 #5D77F8 looks like.

```
.text, #text, p{  
    color:#5D77F8  
}
```

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 #5D77F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D77F8
}
```

## Border

The CSS property to change the border of an element to Decimal 6125560 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
#5D77F8 }
```

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

```
.border{ border-color:#5D77F8 }
```

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

Here you see how a box with a 4 pixel #5D77F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D77F8; -webkit-box-shadow:4px 4px  
4px 4px #5D77F8; box-shadow:4px 4px 4px  
4px #5D77F8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6125560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D77F8 }
```

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

```
.background{ background-color:#5D77F8 }
```

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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