

# Converting Colors

Decimal(5866457)

Have a look what the booklet for  
Decimal(5866457) contains.

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# Color

**Decimal(5866457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5983D9
RGB	89, 131, 217
RGB Percent	35%, 51%, 85%
CMY	0.6510, 0.4863, 0.1490
CMYK	0.59, 0.40, 0.00, 0.15
HSL	220°, 63%, 60%
HSV	220°, 59%, 85%
XYZ	24.7605, 23.3662, 68.8507
YIQ	128.2460, -52.6380, 17.8420

# Conversions

## Conversions Part 2

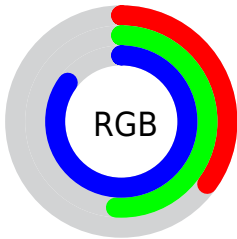
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 121, 217
Decimal	5866457
CIE Lab	55.45, 11.37, -48.48
CIE LCh	55, 49.794, 283.199
Yxy	23.3662, 0.2117, 0.1997
Android (android.graphics.Color)	4284056537 (0xFF5983D9)
YUV	128.2460, 43.7557, -34.4187
Hunter-Lab	48.3386, 6.8406, -50.6123

# Details

The Decimal color **5866457** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **14266201**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **9746687**, and **676514** is the 20% darker color. If you saturate the color by 10%, you get **4420825**, and if you desaturate by 10%, it is **7312089**.

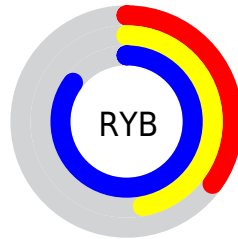
# Distribution



Red (35%)

Green (51%)

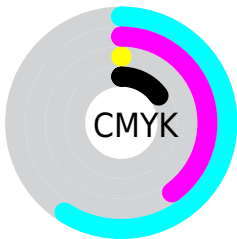
Blue (85%)



Red (35%)

Yellow (47%)

Blue (85%)

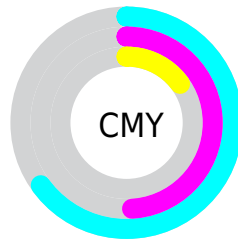


Cyan (59%)

Magenta (40%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (49%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5866457 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 5866457 by changing the saturation by 10% instead.



■ 5866457

■ 5866457

16777215

■ 3762877

■ 9746687

■ 676514

■ 11654143

■ 15495

■ 13627391

■ 10093

■ 15532031

■ 4948

■ 1596

■ 550

■ 270

■ 0

■ 5866457

■ 5866457

■ 4420825

■ 7312089

■ 3040985

■ 8691929

■ 1595353

■ 10137561

■ 149977

■ 11582937

■ 18393

■ 13028569

■ 14408409

■ 15854041

■ 16775385

■ 16777177

# Harmonies

## Analogous

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



37079



5866457



10514884

# Triad

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



5866457



13330764



39018

# Complementary

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



5866457



14266201

# 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.



5935939



5866457



11631151

# Square

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



5866457



13917811



9079082



39575

# Rectangle

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



5866457



12412589



9079082



2725724



# Sweetspot

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



5866457



13754623



5888430



6516096



0



8421504



# Same Dimension

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



5866457



4883967



7231961



6514286



14765



3886



# Inverse Universe

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



14244227



16730757



12900697



7234406



11337785



3014671



# Previews

## White Background



This preview shows how the Decimal color 5866457 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 5866457 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 5866457 Background



This preview shows how black text looks on a background with the Decimal color 5866457.

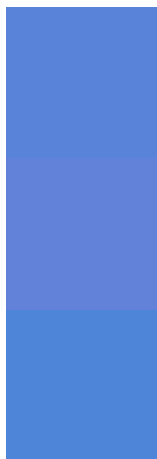


This preview shows how white text looks on a background with the Decimal color 5866457.

# 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**  
5866457

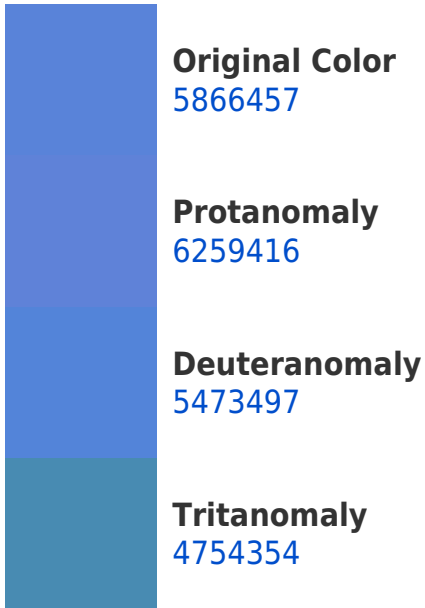
**Protanopia**  
6455768

**Deuteranopia**  
5211609



**Tritanopia**  
4165788

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5866457 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 #5983D9 looks like.

```
.text, #text, p{  
    color:#5983D9  
}
```

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 #5983D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5983D9
}
```

## Border

The CSS property to change the border of an element to Decimal 5866457 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
#5983D9 }
```

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

```
.border{ border-color:#5983D9 }
```

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

Here you see how a box with a 4 pixel #5983D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5983D9; -webkit-box-shadow:4px 4px  
4px 4px #5983D9; box-shadow:4px 4px 4px  
4px #5983D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5866457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5983D9 }
```

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

```
.background{ background-color:#5983D9 }
```

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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