

# Converting Colors

Decimal(6058936)

Have a look what the booklet for  
Decimal(6058936) contains.

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# Color

**Decimal(6058936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C73B8
RGB	92, 115, 184
RGB Percent	36%, 45%, 72%
CMY	0.6392, 0.5490, 0.2784
CMYK	0.50, 0.38, 0.00, 0.28
HSL	225°, 39%, 54%
HSV	225°, 50%, 72%
XYZ	19.1961, 17.9975, 47.8095
YIQ	115.9890, -35.8570, 16.5830

# Conversions

## Conversions Part 2

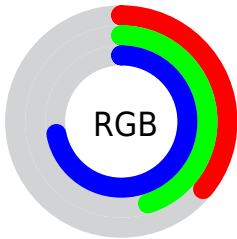
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 110, 184
Decimal	6058936
CIE Lab	49.49, 11.06, -39.09
CIE LCh	49, 40.628, 285.794
Yxy	17.9975, 0.2258, 0.2117
Android (android.graphics.Color)	4284249016 (0xFF5C73B8)
YUV	115.9890, 33.5294, -21.0384
Hunter-Lab	42.4234, 6.5281, -37.1211

# Details

The Decimal color **6058936** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12099932**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9676784**, and **2245506** is the 20% darker color. If you saturate the color by 10%, you get **4875704**, and if you desaturate by 10%, it is **7242168**.

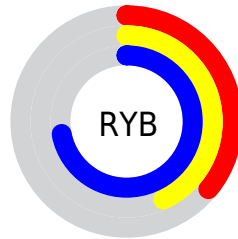
# Distribution



Red (36%)

Green (45%)

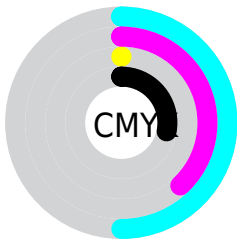
Blue (72%)



Red (36%)

Yellow (43%)

Blue (72%)

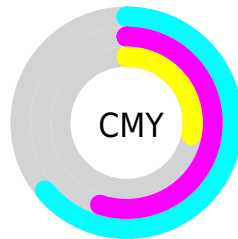


Cyan (50%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (55%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6058936 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 6058936 by changing the saturation by 10% instead.



■ 6058936

■ 6058936

16777215

■ 4217757

■ 9676784

■ 2245506

■ 11518719

■ 11881

■ 13426431

■ 6736

■ 15334143

■ 57

■ 547

■ 9

■ 0

■ 6058936

■ 6058936

■ 4875704

■ 7242168

■ 3626936

■ 8490936

■ 2443960

■ 9673912

■ 1195192

■ 10922680

■ 11960

■ 12105912

■ 13289144

■ 14537912

■ 15720888

■ 16773048

# Harmonies

## Analogous

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



32440



6058936



9397670

# Triad

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



6058936



11428166



558692

# Complementary

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



6058936



12099932

# 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.



5341764



6058936



9924145

# Square

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



6058936



11950437



7895344



34695

# Rectangle

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



6058936



10837395



7895344



2983256



# Sweetspot

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



6058936



13424112



6076577



6449272



16250871



7895160



# Same Dimension

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



6058936



6325488



7560376



5461340



10140



1820



# Inverse Universe

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



12082291



15753348



10598492



6050645



10223655



1835015



# Previews

## White Background



This preview shows how the Decimal color 6058936 looks on a white background.

## Color Contrast Check

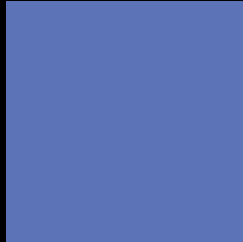
Large Text (above 18pt) WCAG AA ✓ Pass

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 6058936 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 6058936 Background



This preview shows how black text looks on a background with the Decimal color 6058936.

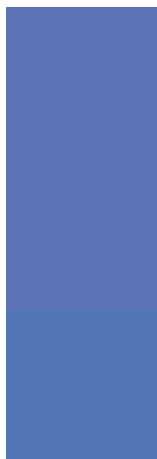


This preview shows how white text looks on a background with the Decimal color 6058936.

# 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**  
6058936

**Protanopia**  
6058936

**Deuteranopia**  
5404087



**Tritanopia**  
5078407

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6058936 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 #5C73B8 looks like.

```
.text, #text, p{  
    color:#5C73B8  
}
```

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 #5C73B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C73B8
}
```

## Border

The CSS property to change the border of an element to Decimal 6058936 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
#5C73B8 }
```

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

```
.border{ border-color:#5C73B8 }
```

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

Here you see how a box with a 4 pixel #5C73B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C73B8; -webkit-box-shadow:4px 4px  
4px 4px #5C73B8; box-shadow:4px 4px 4px  
4px #5C73B8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6058936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C73B8 }
```

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

```
.background{ background-color:#5C73B8 }
```

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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