

# Converting Colors

Decimal(5862852)

Have a look what the booklet for  
Decimal(5862852) contains.

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# Color

**Decimal(5862852)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5975C4
RGB	89, 117, 196
RGB Percent	35%, 46%, 77%
CMY	0.6510, 0.5412, 0.2314
CMYK	0.55, 0.40, 0.00, 0.23
HSL	224°, 48%, 56%
HSV	224°, 55%, 77%
XYZ	20.4449, 18.8319, 54.7819
YIQ	117.6340, -42.0470, 18.6330

# Conversions

## Conversions Part 2

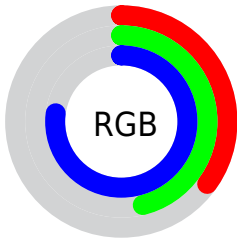
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 111, 196
Decimal	5862852
CIE Lab	50.49, 12.99, -44.43
CIE LCh	50, 46.292, 286.296
Yxy	18.8319, 0.2174, 0.2002
Android (android.graphics.Color)	4284052932 (0xFF5975C4)
YUV	117.6340, 38.6344, -25.1120
Hunter-Lab	43.3958, 8.1535, -44.4694

# Details

The Decimal color **5862852** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **12888153**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9611773**, and **1590670** is the 20% darker color. If you saturate the color by 10%, you get **4548548**, and if you desaturate by 10%, it is **7177156**.

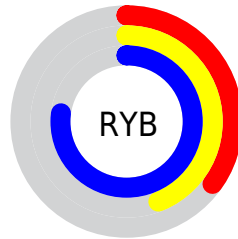
# Distribution



Red (35%)

Green (46%)

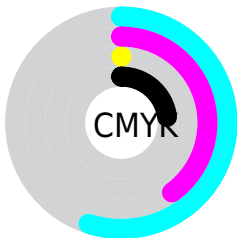
Blue (77%)



Red (35%)

Yellow (44%)

Blue (77%)

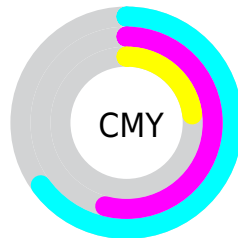


Cyan (55%)

Magenta (40%)

Yellow (0%)

Black (23%)



Cyan (65%)

Magenta (54%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5862852 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 5862852 by changing the saturation by 10% instead.



■ 5862852

■ 5862852

16777215

■ 3956136

■ 9611773

■ 1590670

■ 11453695

■ 12404

■ 13361407

■ 7259

■ 15269119

■ 67

■ 812

■ 278

■ 0

■ 5862852

■ 5862852

■ 4548548

■ 7177156

■ 3299524

■ 8426180

■ 1985220

■ 9740484

■ 736196

■ 10989508

■ 13252

■ 12303812

■ 13618372

■ 14867140

■ 16181700

■ 16775108

# Harmonies

## Analogous

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



33477



5862852



9856431

# Triad

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



5862852



12017729



35428

# Complementary

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



5862852



12888153

# 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.



5015103



5862852



10317864

# Square

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



5862852



12670308



7961895



35981

# Rectangle

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



5862852



11492249



7961895



1608023



# Sweetspot

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



5862852



14082559



5883047



6778496



0



8421504



# Same Dimension

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



5862852



5735423



7494084



5724769



10913



2337



# Inverse Universe

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



12867957



16734083



11256921



6379354



10551338

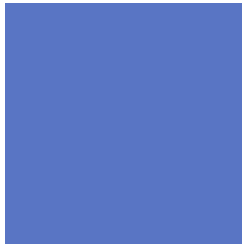


2162697



# Previews

## White Background



This preview shows how the Decimal color 5862852 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 5862852 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 5862852 Background



This preview shows how black text looks on a background with the Decimal color 5862852.



This preview shows how white text looks on a background with the Decimal color 5862852.

# 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**  
5862852

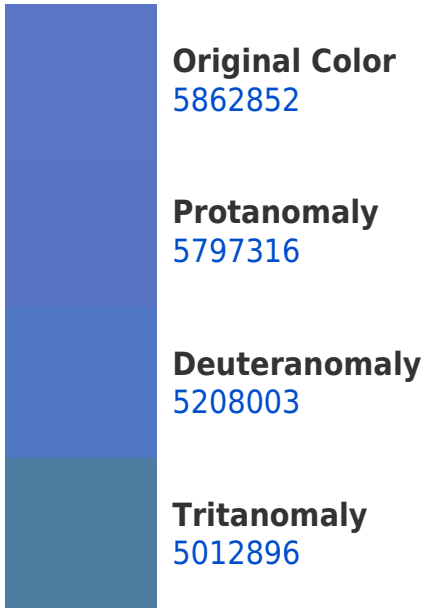
**Protanopia**  
5797316

**Deuteranopia**  
4815043



**Tritanopia**  
4489611

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5862852 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 #5975C4 looks like.

```
.text, #text, p{  
    color:#5975C4  
}
```

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 #5975C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5975C4
}
```

## Border

The CSS property to change the border of an element to Decimal 5862852 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
#5975C4 }
```

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

```
.border{ border-color:#5975C4 }
```

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

Here you see how a box with a 4 pixel #5975C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5975C4; -webkit-box-shadow:4px 4px  
4px 4px #5975C4; box-shadow:4px 4px 4px  
4px #5975C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 5862852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5975C4 }
```

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

```
.background{ background-color:#5975C4 }
```

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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