

# Converting Colors

Decimal(5993928)

Have a look what the booklet for  
Decimal(5993928) contains.

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# Color

**Decimal(5993928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B75C8
RGB	91, 117, 200
RGB Percent	36%, 46%, 78%
CMY	0.6431, 0.5412, 0.2157
CMYK	0.54, 0.42, 0.00, 0.22
HSL	226°, 50%, 57%
HSV	226°, 54%, 78%
XYZ	21.1010, 19.1169, 57.2214
YIQ	118.6880, -42.1390, 20.3010

# Conversions

## Conversions Part 2

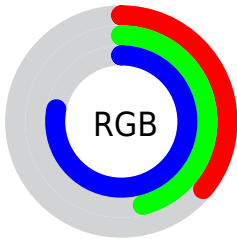
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 112, 200
Decimal	5993928
CIE <sub>Lab</sub>	50.82, 14.72, -46.18
CIE <sub>LCh</sub>	51, 48.474, 287.681
Yxy	19.1169, 0.2166, 0.1962
Android (android.graphics.Color)	4284184008 (0xFF5B75C8)
YUV	118.6880, 40.0868, -24.2824
Hunter-Lab	43.7228, 9.6306, -46.9886

# Details

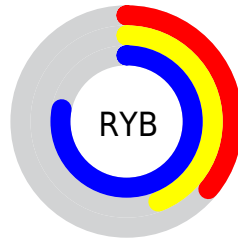
The Decimal color **5993928** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **13151835**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9742847**, and **1721745** is the 20% darker color. If you saturate the color by 10%, you get **4679368**, and if you desaturate by 10%, it is **7308488**.

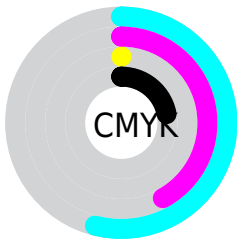
# Distribution



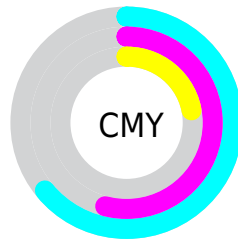
- Red (36%)
- Green (46%)
- Blue (78%)



- Red (36%)
- Yellow (44%)
- Blue (78%)



- Cyan (54%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (54%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5993928 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 5993928 by changing the saturation by 10% instead.



■ 5993928

■ 5993928

16777215

■ 4021676

■ 9742847

■ 1721745

■ 11584767

■ 12407

■ 13492479

■ 7262

■ 15465727

■ 70

■ 1071

■ 281

■ 0

■ 5993928

■ 5993928

■ 4679368

■ 7308488

■ 3364808

■ 8623048

■ 2049992

■ 9937864

■ 735432

■ 11252424

■ 12488

■ 12566984

■ 13881544

■ 15196360

■ 16510920

■ 16776904

# Harmonies

## Analogous

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



33738



5993928



10118321

# Triad

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



5993928



12149053



35942

# Complementary

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



5993928



13151835

# 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.



4687678



5993928



10318115

# Square

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



5993928



12932194



7896611



36241

# Rectangle

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



5993928



11753881



7896611



35672



# Sweetspot

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



5993928



14082303



6015149



6778240



0



8421504



# Same Dimension

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



5993928



5865983



7756744



5921891



10147



2340



# Inverse Universe

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



13130613



16734593



11389019



6511196



10682407

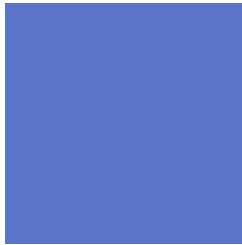


2359305



# Previews

## White Background



This preview shows how the Decimal color 5993928 looks on a white background.

## Color Contrast Check

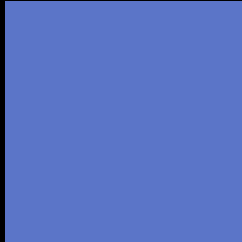
Large Text (above 18pt) WCAG AA ✓ Pass

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 5993928 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 5993928 Background



This preview shows how black text looks on a background with the Decimal color 5993928.



This preview shows how white text looks on a background with the Decimal color 5993928.

# 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**  
5993928

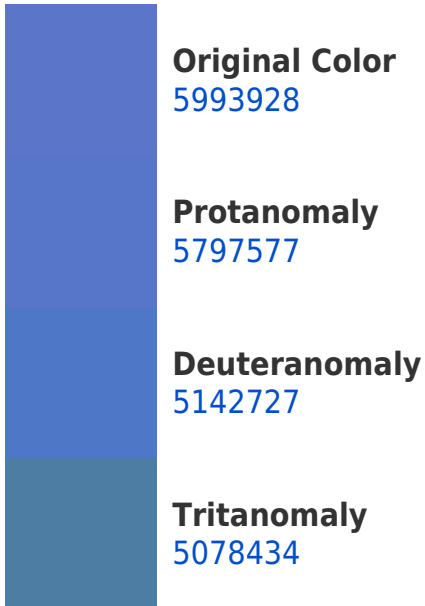
**Protanopia**  
5666505

**Deuteranopia**  
4618695



**Tritanopia**  
4555404

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5993928 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 #5B75C8 looks like.

```
.text, #text, p{  
    color:#5B75C8  
}
```

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 #5B75C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B75C8
}
```

## Border

The CSS property to change the border of an element to Decimal 5993928 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
#5B75C8 }
```

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

```
.border{ border-color:#5B75C8 }
```

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

Here you see how a box with a 4 pixel #5B75C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B75C8; -webkit-box-shadow:4px 4px  
4px 4px #5B75C8; box-shadow:4px 4px 4px  
4px #5B75C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 5993928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B75C8 }
```

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

```
.background{ background-color:#5B75C8 }
```

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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