

# Converting Colors

Decimal(5992930)

Have a look what the booklet for  
Decimal(5992930) contains.

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**Color**

**Decimal(5992930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B71E2
RGB	91, 113, 226
RGB Percent	36%, 44%, 89%
CMY	0.6431, 0.5569, 0.1137
CMYK	0.60, 0.50, 0.00, 0.11
HSL	230°, 70%, 62%
HSV	230°, 60%, 89%
XYZ	23.9470, 19.5254, 74.4581
YIQ	119.3040, -49.3850, 30.4790

# Conversions

## Conversions Part 2

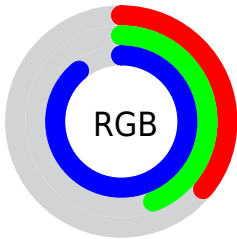
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 110, 226
Decimal	5992930
CIE <sub>Lab</sub>	51.30, 25.73, -60.18
CIE <sub>LCh</sub>	51, 65.444, 293.148
Yxy	19.5254, 0.2031, 0.1656
Android (android.graphics.Color)	4284183010 (0xFF5B71E2)
YUV	119.3040, 52.6011, -24.8226
Hunter-Lab	44.1875, 19.4080, -68.9752

# Details

The Decimal color **5992930** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **14863451**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9938175**, and **213674** is the 20% darker color. If you saturate the color by 10%, you get **4480738**, and if you desaturate by 10%, it is **7505122**.

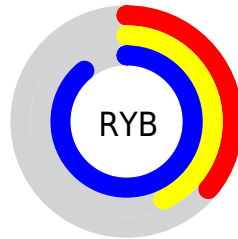
# Distribution



Red (36%)

Green (44%)

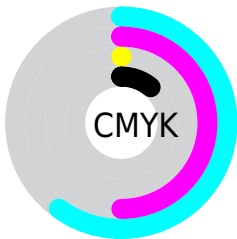
Blue (89%)



Red (36%)

Yellow (43%)

Blue (89%)

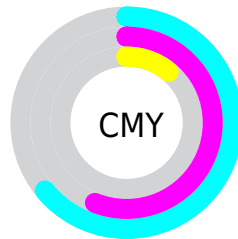


Cyan (60%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (56%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5992930 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 5992930 by changing the saturation by 10% instead.



■ 5992930

■ 5992930

16777215

■ 3824070

■ 9938175

■ 213674

■ 11911423

■ 11407

■ 13884415

■ 6516

■ 15857919

■ 91

■ 1859

■ 811

■ 278

■ 0

■ 5992930

■ 5992930

■ 4480738

■ 7505122

■ 3034082

■ 8951778

■ 1521890

■ 10463970

■ 75234

■ 11910626

■ 9698

■ 13422818

■ 14935010

■ 16381410

■ 16777186

# Harmonies

## Analogous

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



34282



5992930



11556286

# Triad

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



5992930



12999453



37483

# Complementary

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



5992930



14863451

# 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.



36401



5992930



10384128

# Square

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



5992930



14369362



6980608



37797

# Rectangle

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



5992930



13517724



6980608



37208



# Sweetspot

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



5992930



13752831



6021835



6514816



0



8421504



# Same Dimension

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



5992930



4679167



8936418



6645616



7600



2096



# Inverse Universe

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



14834545



16729957



11919963



7365991



11534365

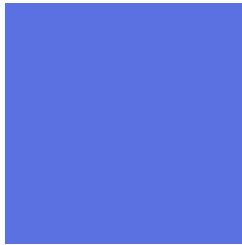


3145736



# Previews

## White Background



This preview shows how the Decimal color 5992930 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 5992930 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 5992930 Background



This preview shows how black text looks on a background with the Decimal color 5992930.



This preview shows how white text looks on a background with the Decimal color 5992930.

# Color Blindness Simulation

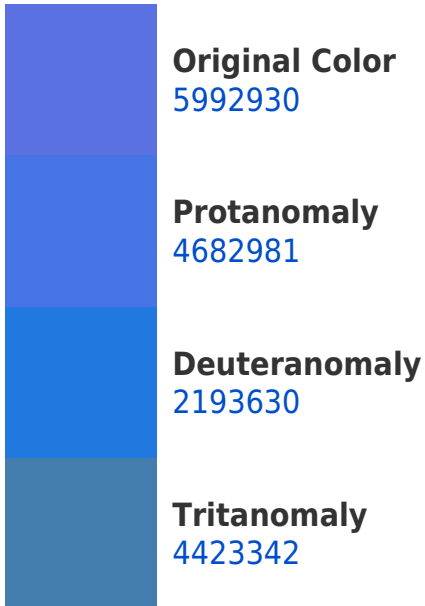
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5992930 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 #5B71E2 looks like.

```
.text, #text, p{  
    color:#5B71E2  
}
```

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 #5B71E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B71E2
}
```

## Border

The CSS property to change the border of an element to Decimal 5992930 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
#5B71E2 }
```

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

```
.border{ border-color:#5B71E2 }
```

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

Here you see how a box with a 4 pixel #5B71E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B71E2; -webkit-box-shadow:4px 4px  
4px 4px #5B71E2; box-shadow:4px 4px 4px  
4px #5B71E2 }
```

# Background

The CSS property to change the background color of an element to Decimal 5992930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B71E2 }
```

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

```
.background{ background-color:#5B71E2 }
```

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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