

# Converting Colors

Decimal(6059992)

Have a look what the booklet for  
Decimal(6059992) contains.

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# Color

**Decimal(6059992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C77D8
RGB	92, 119, 216
RGB Percent	36%, 47%, 85%
CMY	0.6392, 0.5333, 0.1529
CMYK	0.57, 0.45, 0.00, 0.15
HSL	227°, 61%, 60%
HSV	227°, 57%, 85%
XYZ	23.4051, 20.4268, 67.6749
YIQ	121.9850, -47.2290, 24.4430

# Conversions

## Conversions Part 2

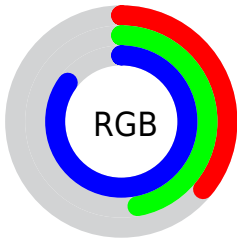
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 114, 216
Decimal	6059992
CIE Lab	52.32, 18.93, -52.89
CIE LCh	52, 56.179, 289.691
Yxy	20.4268, 0.2099, 0.1832
Android (android.graphics.Color)	4284250072 (0xFF5C77D8)
YUV	121.9850, 46.3494, -26.2968
Hunter-Lab	45.1961, 13.3445, -57.1415

# Details

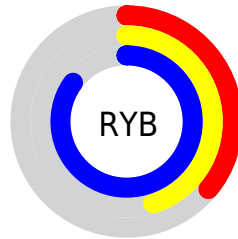
The Decimal color **6059992** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **14204252**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9939967**, and **1263520** is the 20% darker color. If you saturate the color by 10%, you get **4613848**, and if you desaturate by 10%, it is **7506136**.

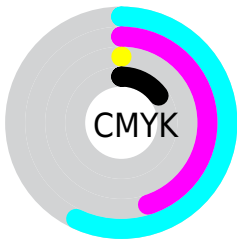
# Distribution



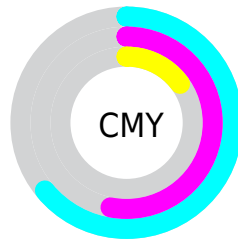
- Red (36%)
- Green (47%)
- Blue (85%)



- Red (36%)
- Yellow (45%)
- Blue (85%)



- Cyan (57%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (53%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6059992 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 6059992 by changing the saturation by 10% instead.



■ 6059992

■ 6059992

16777215

■ 4022204

■ 9939967

■ 1263520

■ 11847423

■ 12678

■ 13755135

■ 7532

■ 15728639

■ 1363

■ 1595

■ 548

■ 12

■ 0

■ 6059992

■ 6059992

■ 4613848

■ 7506136

■ 3233240

■ 8886744

■ 1787096

■ 10332888

■ 406488

■ 11713496

■ 12248

■ 13159384

■ 14605528

■ 15986136

■ 16776920

■ 16777176

# Harmonies

## Analogous

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



34780



6059992



10904252

# Triad

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



6059992



12869940



37482

# Complementary

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



6059992



14204252

# 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.



3837498



6059992



10712337

# Square

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



6059992



13848671



7832595



37788

# Rectangle

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



6059992



12735647



7832595



37209



# Sweetspot

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



6059992



13950463



6084795



6712448



0



8421504



# Same Dimension

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



6059992



5207551



8215768



6316907



9643



2347



# Inverse Universe

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



14179447



16732021



12048476



7037027



11206693

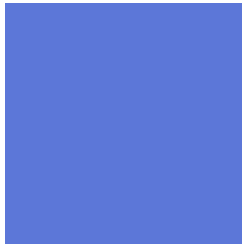


2818057



# Previews

## White Background



This preview shows how the Decimal color 6059992 looks on a white background.

## Color Contrast Check

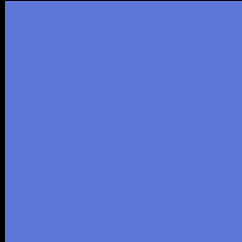
Large Text (above 18pt) WCAG AA ✓ Pass

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 6059992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

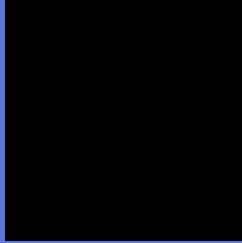
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6059992 Background



This preview shows how black text looks on a background with the Decimal color 6059992.



This preview shows how white text looks on a background with the Decimal color 6059992.

# 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**  
6059992

**Protanopia**  
5274074

**Deuteranopia**  
3571414



**Tritanopia**  
4229010

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6059992 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 #5C77D8 looks like.

```
.text, #text, p{  
    color:#5C77D8  
}
```

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 #5C77D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C77D8  
}
```

## Border

The CSS property to change the border of an element to Decimal 6059992 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  
#5C77D8 }
```

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

```
.border{ border-color:#5C77D8 }
```

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

Here you see how a box with a 4 pixel #5C77D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C77D8; -webkit-box-shadow:4px 4px  
4px 4px #5C77D8; box-shadow:4px 4px 4px  
4px #5C77D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6059992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C77D8 }
```

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

```
.background{ background-color:#5C77D8 }
```

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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