

# Converting Colors

Decimal(6048173)

Have a look what the booklet for  
Decimal(6048173) contains.

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# Color

**Decimal(6048173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C49AD
RGB	92, 73, 173
RGB Percent	36%, 29%, 68%
CMY	0.6392, 0.7137, 0.3216
CMYK	0.47, 0.58, 0.00, 0.32
HSL	251°, 41%, 48%
HSV	251°, 58%, 68%
XYZ	14.3390, 10.0575, 40.7207
YIQ	90.0810, -20.7760, 35.1280

# Conversions

## Conversions Part 2

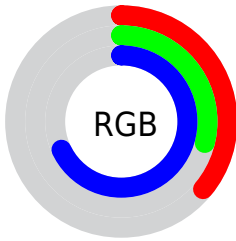
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 73, 173
Decimal	6048173
CIE Lab	37.95, 33.65, -51.09
CIE LCh	38, 61.172, 303.372
Yxy	10.0575, 0.2202, 0.1545
Android (android.graphics.Color)	4284238253 (0xFF5C49AD)
YUV	90.0810, 40.8791, 1.6830
Hunter-Lab	31.7136, 25.2082, -53.9297

# Details

The Decimal color **6048173** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **10136905**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9665253**, and **2235512** is the 20% darker color. If you saturate the color by 10%, you get **5126317**, and if you desaturate by 10%, it is **6970029**.

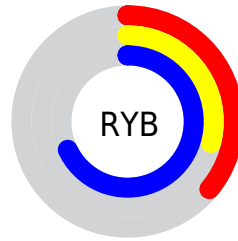
# Distribution



Red (36%)

Green (29%)

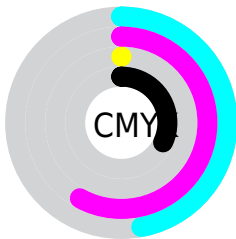
Blue (68%)



Red (36%)

Yellow (29%)

Blue (68%)

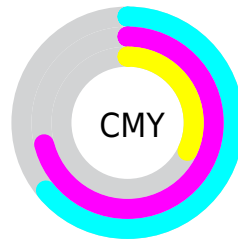


Cyan (47%)

Magenta (58%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (71%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6048173 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 6048173 by changing the saturation by 10% instead.



6048173

6048173

16777215

4207250

9665253

2235512

11572479

1886

13414399

70

15387647

1071

16771071

281

0

6048173

6048173

5126317

6970029

■ 4204205

■ 7892141

■ 3282349

■ 8813997

■ 2360493

■ 9735853

■ 2162861

■ 10657965

■ 11579821

■ 12501677

■ 13423533

■ 14345645

# Harmonies

## Analogous

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



24253



6048173



9907079

# Triad

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



6048173



9389312



28254

# Complementary

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



6048173



10136905

# 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.



27689



6048173



6838528

# Square

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



6048173



11020582



3433728



28303

# Rectangle

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



6048173



11081575



3433728



28236



# Sweetspot

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



6048173



12761824



4823981



6183536



15790320



7368816



# Same Dimension

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



6048173



6506208



9259437



5262935



1900694



262167



# Inverse Universe

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



11356570



14698179



6925641



5721685



9830522



1507347



# Previews

## White Background



This preview shows how the Decimal color 6048173 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 6048173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

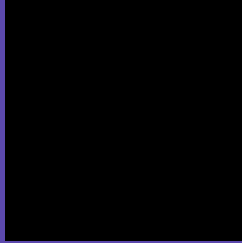
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 6048173 Background



This preview shows how black text looks on a background with the Decimal color 6048173.

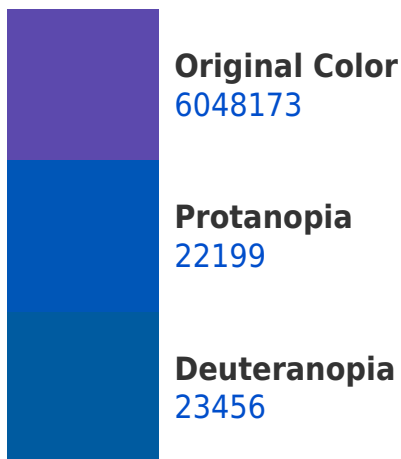



This preview shows how white text looks on a background with the Decimal color 6048173.

# 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





**Tritanopia**  
4742500

# Trichromacy



**Original Color**  
6048173



**Protanomaly**  
2183603



**Deuteranomaly**  
2184357



**Tritanomaly**  
5199487

# Monochromacy



**Original Color**  
6048173



**Achromatopsia**  
5921370



**Achromatomaly**  
5985400

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6048173 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 #5C49AD looks like.

```
.text, #text, p{  
    color:#5C49AD  
}
```

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 #5C49AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C49AD
}
```

## Border

The CSS property to change the border of an element to Decimal 6048173 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
#5C49AD }
```

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

```
.border{ border-color:#5C49AD }
```

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

Here you see how a box with a 4 pixel #5C49AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C49AD; -webkit-box-shadow:4px 4px  
4px 4px #5C49AD; box-shadow:4px 4px 4px  
4px #5C49AD }
```

# Background

The CSS property to change the background color of an element to Decimal 6048173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C49AD }
```

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

```
.background{ background-color:#5C49AD }
```

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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