

# Converting Colors

Decimal(6030517)

Have a look what the booklet for  
Decimal(6030517) contains.

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**Color**

**Decimal(6030517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C04B5
RGB	92, 4, 181
RGB Percent	36%, 2%, 71%
CMY	0.6392, 0.9843, 0.2902
CMYK	0.49, 0.98, 0.00, 0.29
HSL	270°, 96%, 36%
HSV	270°, 98%, 71%
XYZ	12.7975, 5.6983, 44.1414
YIQ	50.4900, -4.3690, 73.7030

# Conversions

## Conversions Part 2

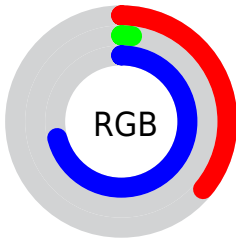
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 4, 181</a>
Decimal	<a href="#">6030517</a>
CIELab	<a href="#">28.64, 63.86, -71.06</a>
CIElCh	<a href="#">29, 95.541, 311.948</a>
Yxy	<a href="#">5.6983, 0.2043, 0.0910</a>
Android (android.graphics.Color)	<a href="#">4284220597</a> ( <a href="#">0xFF5C04B5</a> )
YUV	<a href="#">50.4900, 64.3414, 36.4043</a>
Hunter-Lab	<a href="#">23.8712, 53.9207, -92.9263</a>

# Details

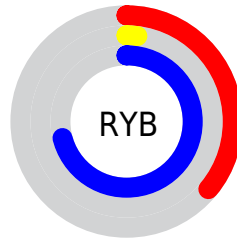
The Decimal color **6030517** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **6141188**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **9914350**, and **1310847** is the 20% darker color. If you saturate the color by 10%, you get **5898421**, and if you desaturate by 10%, it is **6624949**.

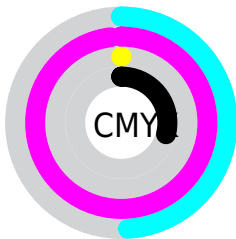
# Distribution



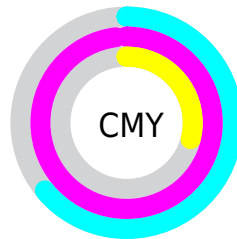
- Red (36%)
- Green (2%)
- Blue (71%)



- Red (36%)
- Yellow (2%)
- Blue (71%)



- Cyan (49%)
- Magenta (98%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (98%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6030517 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 6030517 by changing the saturation by 10% instead.



6030517

6030517

16777215

3997849

9914350

1310847

11887359

101

13860351

75

15833599

1076

16758271

542

16765439

0

16772863

6030517

6030517

■ 5898421

■ 6624949

■ 7219381

■ 7813813

■ 8408245

■ 9068213

■ 9662901

■ 10257333

■ 10851765

■ 11446197

# Harmonies

## Analogous

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



18650



6030517



11010163

# Triad

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



6030517



7744768



23393

# Complementary

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



6030517



6141188

# 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.



22797



6030517



3688960

# Square

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



6030517



10616832



21760



23976

# Rectangle

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



6030517



11993155



21760



23111



# Sweetspot

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



6030517



13150187



286645



6376565



16119285



7697781



# Same Dimension

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



6030517



7667947



11666613



5591129



4980889



851994



# Inverse Universe

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



11863133



15401078



505092



5853269



10027085

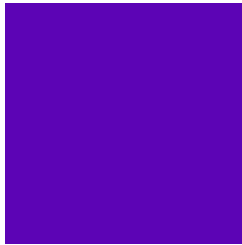


1703949



# Previews

## White Background



This preview shows how the Decimal color 6030517 looks on a white background.

## Color Contrast Check

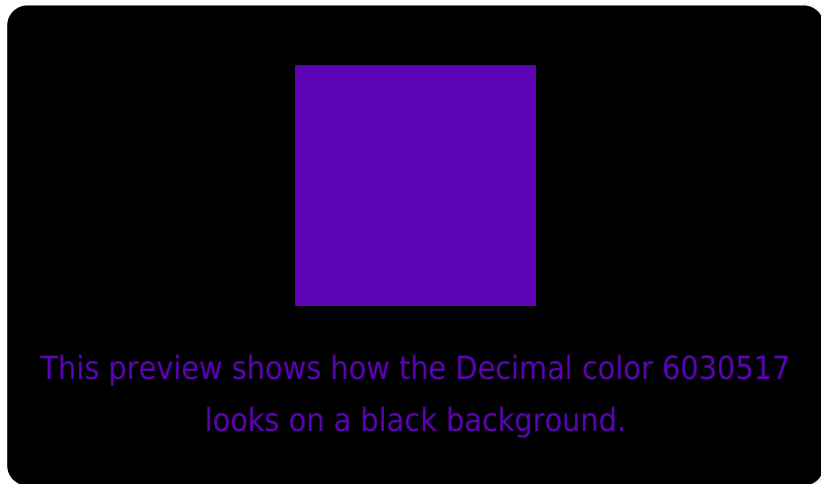
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

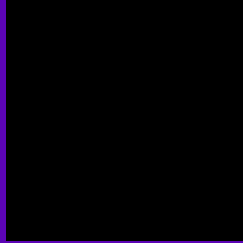
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6030517 Background



This preview shows how black text looks on a background with the Decimal color 6030517.



This preview shows how white text looks on a background with the Decimal color 6030517.

# 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**  
4147020

# Trichromacy



**Original Color**  
6030517

**Protanomaly**  
2174108

**Deuteranomaly**  
2174863

**Tritanomaly**  
4861810

# Monochromacy



**Original Color**  
6030517

**Achromatopsia**  
3289650

**Achromatomaly**  
4268386

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6030517 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 #5C04B5 looks like.

```
.text, #text, p{  
    color:#5C04B5  
}
```

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 #5C04B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C04B5
}
```

## Border

The CSS property to change the border of an element to Decimal 6030517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

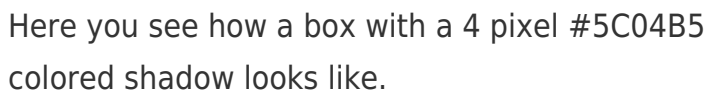
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C04B5 }
```

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

```
.border{ border-color:#5C04B5 }
```

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



Here you see how a box with a 4 pixel #5C04B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C04B5; -webkit-box-shadow:4px 4px  
4px 4px #5C04B5; box-shadow:4px 4px 4px  
4px #5C04B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6030517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C04B5 }
```

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

```
.background{ background-color:#5C04B5 }
```

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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