

# Converting Colors

Decimal(6175934)

Have a look what the booklet for  
Decimal(6175934) contains.

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# Color

**Decimal(6175934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E3CBE
RGB	94, 60, 190
RGB Percent	37%, 24%, 75%
CMY	0.6314, 0.7647, 0.2549
CMYK	0.51, 0.68, 0.00, 0.25
HSL	256°, 52%, 49%
HSV	256°, 68%, 75%
XYZ	15.5262, 9.3291, 49.6976
YIQ	84.9860, -21.4660, 47.6380

# Conversions

## Conversions Part 2

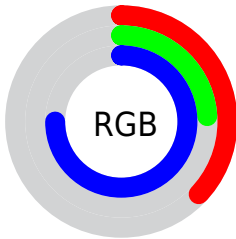
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 60, 190
Decimal	6175934
CIE <sub>Lab</sub>	36.61, 46.56, -63.28
CIE <sub>LCh</sub>	37, 78.562, 306.342
Yxy	9.3291, 0.2083, 0.1251
Android (android.graphics.Color)	4284366014 (0xFF5E3CBE)
YUV	84.9860, 51.7719, 7.9053
Hunter-Lab	30.5436, 37.2856, -75.0905

# Details

The Decimal color **6175934** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **10272316**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9989879**, and **1837703** is the 20% darker color. If you saturate the color by 10%, you get **5253566**, and if you desaturate by 10%, it is **7098302**.

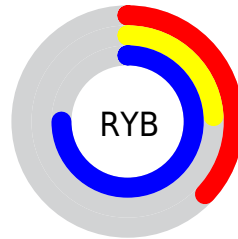
# Distribution



Red (37%)

Green (24%)

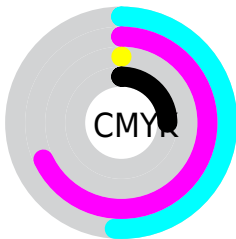
Blue (75%)



Red (37%)

Yellow (24%)

Blue (75%)

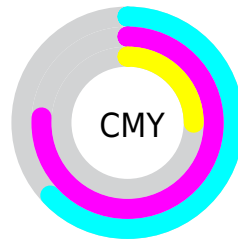


Cyan (51%)

Magenta (68%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (76%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6175934 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 6175934 by changing the saturation by 10% instead.



6175934

6175934

16777215

4203682

9989879

1837703

11897087

109

13804543

84

15777535

1596

16767743

549

16775167

270

0

6175934

6175934

■ 5253566

■ 7098302

■ 4331198

■ 8020670

■ 3408830

■ 8943038

■ 3276990

■ 9865406

■ 10787774

■ 11710142

■ 12632510

■ 13554878

■ 14477246

# Harmonies

## Analogous

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



23767



6175934



11010186

# Triad

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



6175934



9518592



28259

# Complementary

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



6175934



10272316

# 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.



27677



6175934



6182912

# Square

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



6175934



11730956



222720



28321

# Rectangle

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



6175934



12255329



222720



28236



# Sweetspot

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



6175934



13747191



3972798



6708861



16579836



8224125



# Same Dimension

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



6175934



6434295



10370238



5723486



2687134



524319



# Inverse Universe

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



12467356



16199106



6143548



6182236



10354805

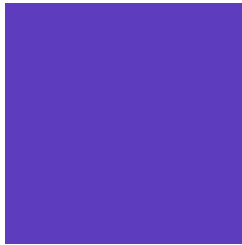


2031639



# Previews

## White Background



This preview shows how the Decimal color 6175934 looks on a white background.

## Color Contrast Check

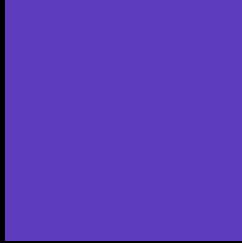
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Decimal color 6175934 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

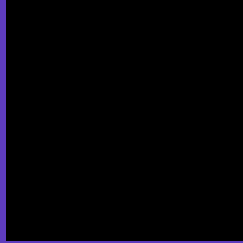
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6175934 Background



This preview shows how black text looks on a background with the Decimal color 6175934.

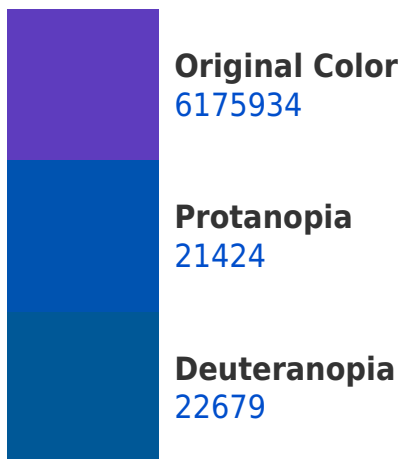



This preview shows how white text looks on a background with the Decimal color 6175934.

# 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**  
4348513

# Trichromacy



**Original Color**

6175934



**Protanomaly**

2247605



**Deuteranomaly**

2248357



**Tritanomaly**

5001091

# Monochromacy



**Original Color**

6175934



**Achromatopsia**

5592405



**Achromatomaly**

5786747

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6175934 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 #5E3CBE looks like.

```
.text, #text, p{  
    color:#5E3CBE  
}
```

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 #5E3CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3CBE }  
}
```

## Border

The CSS property to change the border of an element to Decimal 6175934 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 #5E3CBE }  
}
```

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

```
.border{ border-color:#5E3CBE }
```

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

Here you see how a box with a 4 pixel #5E3CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3CBE; -webkit-box-shadow:4px 4px  
4px 4px #5E3CBE; box-shadow:4px 4px 4px  
4px #5E3CBE }
```

# Background

The CSS property to change the background color of an element to Decimal 6175934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3CBE }
```

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

```
.background{ background-color:#5E3CBE }
```

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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