

# Converting Colors

Decimal(6160586)

Have a look what the booklet for  
Decimal(6160586) contains.

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**Color**

**Decimal(6160586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E00CA
RGB	94, 0, 202
RGB Percent	37%, 0%, 79%
CMY	0.6314, 1.0000, 0.2078
CMYK	0.53, 1.00, 0.00, 0.21
HSL	268°, 100%, 40%
HSV	268°, 100%, 79%
XYZ	15.2768, 6.6440, 56.3544
YIQ	51.1340, -8.8180, 82.7500

# Conversions

## Conversions Part 2

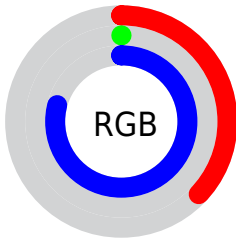
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 0, 202
Decimal	6160586
CIELab	30.98, 69.34, -79.57
CIELCh	31, 105.549, 311.070
Yxy	6.6440, 0.1952, 0.0849
Android (android.graphics.Color)	4284350666 (0xFF5E00CA)
YUV	51.1340, 74.3769, 37.5935
Hunter-Lab	25.7759, 60.6851, -111.5840

# Details

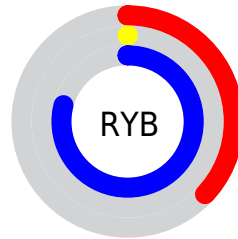
The Decimal color **6160586** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **7129600**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **10242303**, and **458898** is the 20% darker color. If you saturate the color by 10%, you get **6160586**, and if you desaturate by 10%, it is **6886602**.

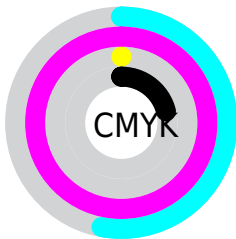
# Distribution



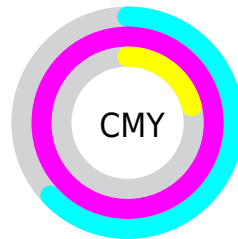
- Red (37%)
- Green (0%)
- Blue (79%)



- Red (37%)
- Yellow (0%)
- Blue (79%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)





















- Cyan (63%)
- Magenta (100%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6160586 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 6160586 by changing the saturation by 10% instead.



 6160586	 6160586
 16777215	 3932334
 10242303	 458898
 12215551	 120
 14254079	 94
 16227327	 2117
 16758783	 814
 16766207	 280
 16773631	 0

 6160586

■ 6886602

■ 7612618

■ 8273354

■ 8999370

■ 9725386

■ 10451402

■ 11177418

■ 11838154

■ 12564170

# Harmonies

## Analogous

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



20467



6160586



11993217

# Triad

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



6160586



8531456



25191

# Complementary

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



6160586



7129600

# 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.



24581



6160586



4018176

# Square

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



6160586



11730944



23552



26039

# Rectangle

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



6160586



13172811



23552



25162



# Sweetspot

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



6160586



14070783



28618



6771328



0



8421504



# Same Dimension

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



6160586



7799039



12583114



6380646



5046438



1179686



# Inverse Universe

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



13238380



16711816



707072



6708321



10879065

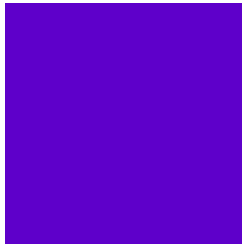


2490388



# Previews

## White Background



This preview shows how the Decimal color 6160586 looks on a white background.

## Color Contrast Check

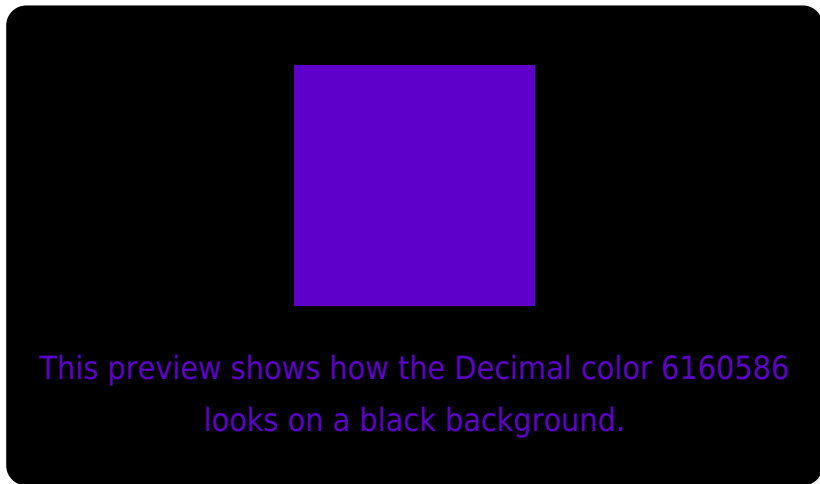
Large Text (above 18pt) WCAG AA ✓ Pass

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

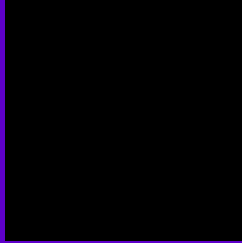
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6160586 Background



This preview shows how black text looks on a background with the Decimal color 6160586.



This preview shows how white text looks on a background with the Decimal color 6160586.

# 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



**Original Color**  
6160586

**Deuteranomaly**  
2240924

**Tritanomaly**  
4600448

# Monochromacy



**Original Color**  
6160586

**Achromatopsia**  
3355443

**Achromatomaly**  
4399210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6160586 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 #5E00CA looks like.

```
.text, #text, p{  
    color:#5E00CA  
}
```

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 #5E00CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E00CA
}
```

## Border

The CSS property to change the border of an element to Decimal 6160586 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".

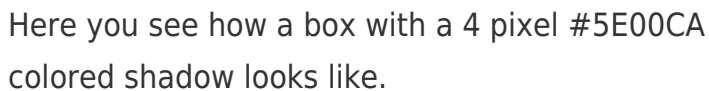
```
.border, #border, table{ border:4px solid
#5E00CA }
```

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

```
.border{ border-color:#5E00CA }
```

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

Here you see how a box with a 4 pixel #5E00CA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E00CA; -webkit-box-shadow:4px 4px  
4px 4px #5E00CA; box-shadow:4px 4px 4px  
4px #5E00CA }
```

# Background

The CSS property to change the background color of an element to Decimal 6160586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E00CA }
```

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

```
.background{ background-color:#5E00CA }
```

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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