

# Converting Colors

Decimal(6033560)

Have a look what the booklet for  
Decimal(6033560) contains.

<b>Decimal(6033560)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6033560)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5C1098
RGB	92, 16, 152
RGB Percent	36%, 6%, 60%
CMY	0.6392, 0.9373, 0.4039
CMYK	0.39, 0.89, 0.00, 0.40
HSL	274°, 81%, 33%
HSV	274°, 89%, 60%
XYZ	10.2664, 4.9129, 30.1129
YIQ	54.2280, 1.6400, 58.4080

# Conversions

## Conversions Part 2

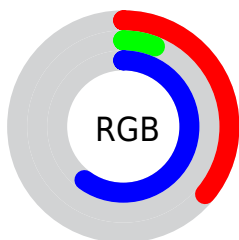
Format	Color
<a href="#">RYB</a>	<a href="#">92, 16, 152</a>
Decimal	<a href="#">6033560</a>
CIELab	<a href="#">26.49, 54.99, -57.05</a>
CIELCh	<a href="#">26, 79.244, 313.947</a>
Yxy	<a href="#">4.9129, 0.2267, 0.1085</a>
Android (android.graphics.Color)	<a href="#">4284223640</a> (0xFF5C1098)
YUV	<a href="#">54.2280, 48.2016, 33.1260</a>
Hunter-Lab	<a href="#">22.1650, 43.8889, -65.0346</a>

# Details

The Decimal color **6033560** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5019664**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **9718223**, and **2228324** is the 20% darker color. If you saturate the color by 10%, you get **5570968**, and if you desaturate by 10%, it is **6496152**.

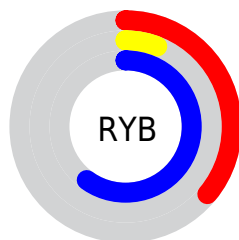
# Distribution



 Red (36%)

 Green (6%)

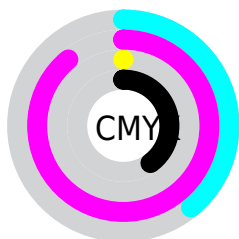
 Blue (60%)





 Red (36%)

 Yellow (6%)

 Blue (60%)

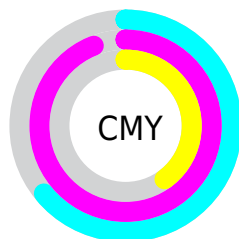



 Cyan (39%)

 Magenta (89%)

 Yellow (0%)

 Black (40%)



 Cyan (64%)

 Magenta (94%)

 Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6033560 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 6033560 by changing the saturation by 10% instead.



 6033560

 6033560

16777215

 4194429

 9718223

 2228324

 11625708

 75

 13532927

 1075

 15440383

 541

 16758271

 0

 16765439

 16772863

 6033560

 6033560

 5570968

 6496152

 5570712

 6893208

 7356056

 7818648

 8281240

 8678296

 9140888

 9603736

 10000792

# Harmonies

## Analogous

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



16312



6033560



9699426

# Triad

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



6033560



6762240



21595

# Complementary

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



6033560



5019664

# 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.



21017



6033560



3360000

# Square

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



6033560



9240576



19968



21652

# Rectangle

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



6033560



10420282



19968



21318



# Sweetspot

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



6033560



11374532



1068440



5588067



14935011



6513507



# Same Dimension

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



6033560



7209156



9965713



4801869



5111948



458765



# Inverse Universe

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



9965644



12845143



1087511



5064008



9175102

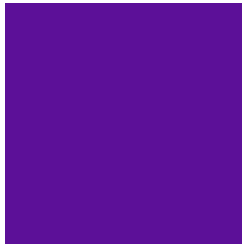


851974



# Previews

## White Background



This preview shows how the Decimal color 6033560 looks on a white background.

## Color Contrast Check

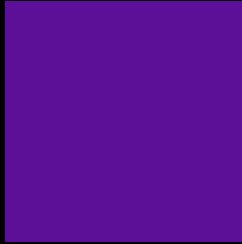
Large Text (above 18pt) WCAG AA ✓ Pass

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 6033560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

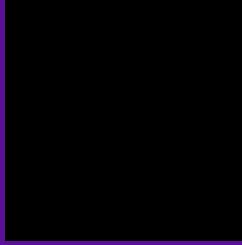
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6033560 Background



This preview shows how black text looks on a background with the Decimal color 6033560.



This preview shows how white text looks on a background with the Decimal color 6033560.

# 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](#).

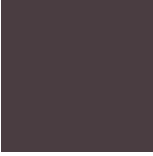
## Dichromacy



**Original Color**  
6033560

**Protanopia**  
16003

**Deuteranopia**  
17009

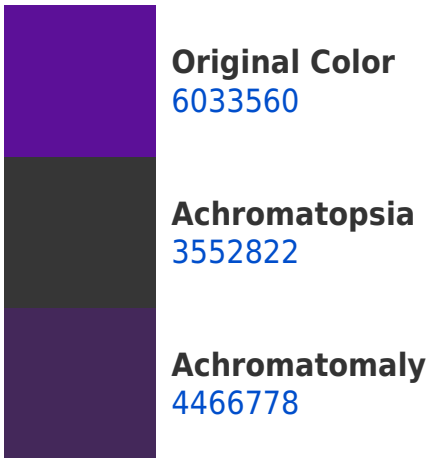


**Tritanopia**  
4865345

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6033560 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 #5C1098 looks like.

```
.text, #text, p{  
    color:#5C1098  
}
```

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 #5C1098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1098
}
```

## Border

The CSS property to change the border of an element to Decimal 6033560 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
#5C1098 }
```

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

```
.border{ border-color:#5C1098 }
```

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

Here you see how a box with a 4 pixel #5C1098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1098; -webkit-box-shadow:4px 4px  
4px 4px #5C1098; box-shadow:4px 4px 4px  
4px #5C1098 }
```

# Background

The CSS property to change the background color of an element to Decimal 6033560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1098 }
```

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

```
.background{ background-color:#5C1098 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor