

# Converting Colors

Decimal(6357165)

Have a look what the booklet for  
Decimal(6357165) contains.

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**Color**

**Decimal(6357165)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6100AD
RGB	97, 0, 173
RGB Percent	38%, 0%, 68%
CMY	0.6196, 1.0000, 0.3216
CMYK	0.44, 1.00, 0.00, 0.32
HSL	274°, 100%, 34%
HSV	274°, 100%, 68%
XYZ	12.4726, 5.5585, 39.9507
YIQ	48.7250, 2.2790, 74.3670

# Conversions

## Conversions Part 2

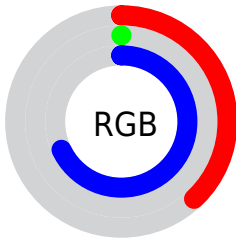
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 0, 173
Decimal	6357165
CIELab	28.27, 63.26, -66.85
CIElCh	28, 92.041, 313.420
Yxy	5.5585, 0.2151, 0.0959
Android (android.graphics.Color)	4284547245 (0xFF6100AD)
YUV	48.7250, 61.2676, 42.3372
Hunter-Lab	23.5765, 53.1723, -83.9641

# Details

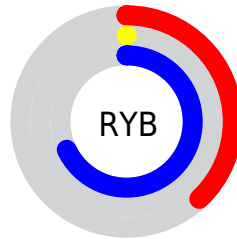
The Decimal color **6357165** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5025024**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **10176230**, and **2162807** is the 20% darker color. If you saturate the color by 10%, you get **6357165**, and if you desaturate by 10%, it is **6885805**.

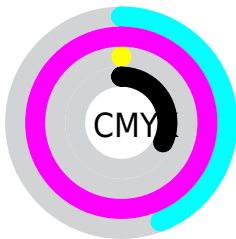
# Distribution



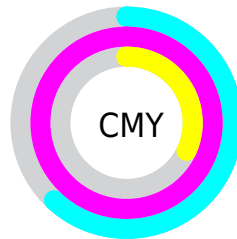
- Red (38%)
- Green (0%)
- Blue (68%)



- Red (38%)
- Yellow (0%)
- Blue (68%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)



- Cyan (62%)
- Magenta (100%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6357165 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 6357165 by changing the saturation by 10% instead.



 6357165

 6357165

16777215

 4391058

 10176230

 2162807

 12149247

 94

 14056703

 69

 16029951

 813

 16758015

 280

 16765183

 0

 16772607

 6357165

■ 6885805

■ 7349165

■ 7877805

■ 8340909

■ 8869805

■ 9398445

■ 9861549

■ 10390189

■ 10853549

# Harmonies

## Analogous

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



17875



6357165



10813549

# Triad

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



6357165



7417600



23138

# Complementary

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



6357165



5025024

# 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.



22548



6357165



3426816

# Square

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



6357165



10289152



21504



23462

# Rectangle

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



6357165



11665471



21504



22858



# Sweetspot

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



6357165



12819936



20141



6178928



15790320



7368816



# Same Dimension

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



6357165



8257760



11337892



5459543



5505174



851991



# Inverse Universe

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



11337804



14680163



44297



5721682



9830466



1507338



# Previews

## White Background



This preview shows how the Decimal color 6357165 looks on a white background.

## Color Contrast Check

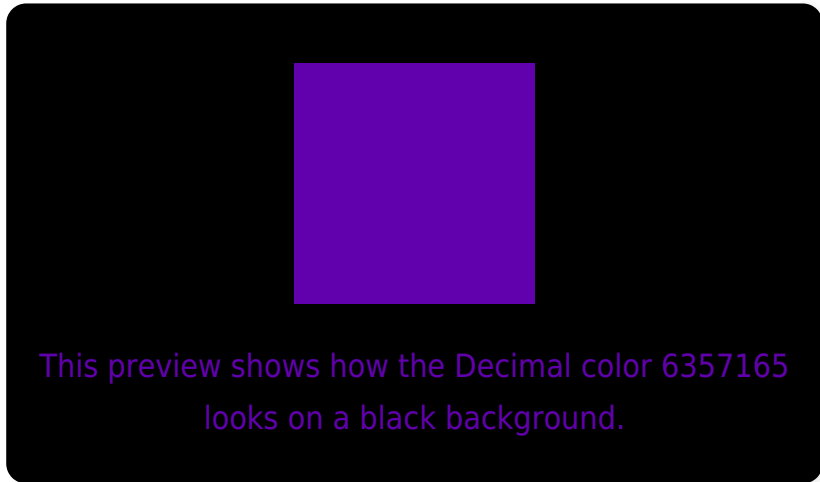
Large Text (above 18pt) WCAG AA ✓ Pass

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

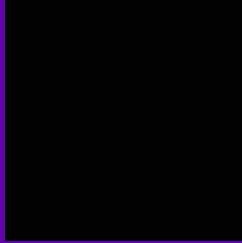
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6357165 Background



This preview shows how black text looks on a background with the Decimal color 6357165.



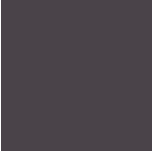
This preview shows how white text looks on a background with the Decimal color 6357165.

# 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**  
4866889

# Trichromacy



**Original Color**  
6357165



**Protanomaly**  
2304921



**Deuteranomaly**  
2305420



**Tritanomaly**  
5385069

# Monochromacy



**Original Color**  
6357165



**Achromatopsia**  
3223857



**Achromatomaly**  
4333406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6357165 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 #6100AD looks like.

```
.text, #text, p{  
    color:#6100AD  
}
```

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 #6100AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6100AD
}
```

## Border

The CSS property to change the border of an element to Decimal 6357165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

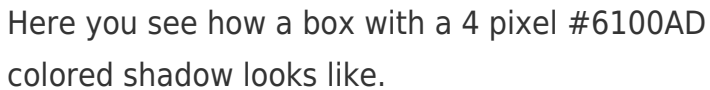
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6100AD }
```

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

```
.border{ border-color:#6100AD }
```

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



Here you see how a box with a 4 pixel #6100AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6100AD; -webkit-box-shadow:4px 4px  
4px 4px #6100AD; box-shadow:4px 4px 4px  
4px #6100AD }
```

# Background

The CSS property to change the background color of an element to Decimal 6357165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6100AD }
```

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

```
.background{ background-color:#6100AD }
```

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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