

# Converting Colors

Decimal(5983657)

Have a look what the booklet for  
Decimal(5983657) contains.

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# Color

**Decimal(5983657)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5B4DA9
RGB	91, 77, 169
RGB Percent	36%, 30%, 66%
CMY	0.6431, 0.6980, 0.3373
CMYK	0.46, 0.54, 0.00, 0.34
HSL	249°, 37%, 48%
HSV	249°, 54%, 66%
XYZ	14.1297, 10.3965, 38.7981
YIQ	91.6740, -21.1880, 31.5800

# Conversions

## Conversions Part 2

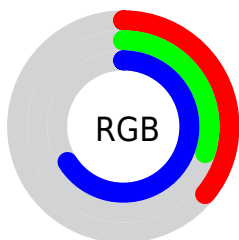
Format	Color
<a href="#">RYB</a>	<a href="#">91, 77, 169</a>
Decimal	<a href="#">5983657</a>
CIELab	<a href="#">38.54, 29.76, -47.75</a>
CIELCh	<a href="#">39, 56.265, 301.938</a>
Yxy	<a href="#">10.3965, 0.2231, 0.1642</a>
Android (android.graphics.Color)	<a href="#">4284173737</a> (0xFF5B4DA9)
YUV	<a href="#">91.6740, 38.1217, -0.5911</a>
Hunter-Lab	<a href="#">32.2436, 21.7956, -48.7721</a>

# Details

The Decimal color **5983657** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10201421**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9600737**, and **2236532** is the 20% darker color. If you saturate the color by 10%, you get **5061801**, and if you desaturate by 10%, it is **6905513**.

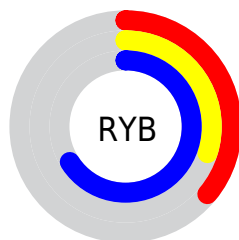
# Distribution



Red (36%)

Green (30%)

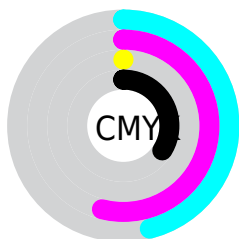
Blue (66%)



Red (36%)

Yellow (30%)

Blue (66%)

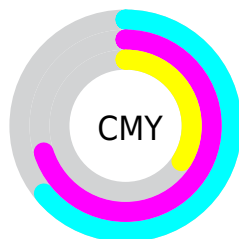


Cyan (46%)

Magenta (54%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (70%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5983657 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 5983657 by changing the saturation by 10% instead.



 5983657

 5983657

16777215

 4208270

 9600737

 2236532

 11442430

 3163

 13284351

 67

 15192063

 812

 16772095

 278

 0

 5983657

 5983657

 5061801

 6905513

 4074409

 7892905

 3152553

 8814761

 2230697

 9736617

 1704105

 10723753

 11645609

 12567465

 13554857

 14476713

# Harmonies

## Analogous

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



24759



5983657



9647239

# Triad

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



5983657



9389824



28509

# Complementary

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



5983657



10201421

# 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.



27693



5983657



7100928

# Square

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



5983657



10891309



4023808



28298

# Rectangle

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



5983657



10823273



4023808



28236



# Sweetspot

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



5983657



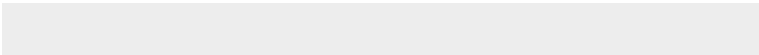
12499163



5086121



6052206



15592941



7237230



# Same Dimension

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



5983657



6442459



8998313



5065812



1507476



196628



# Inverse Universe

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



11095451



14372294



7186765



5524563



9699453



1310737



# Previews

## White Background



This preview shows how the Decimal color 5983657 looks on a white background.

## Color Contrast Check

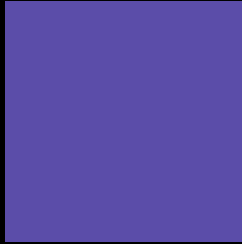
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5983657 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

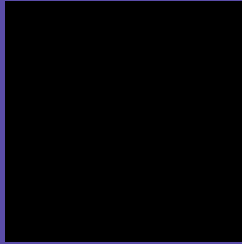
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5983657 Background



This preview shows how black text looks on a background with the Decimal color 5983657.



This preview shows how white text looks on a background with the Decimal color 5983657.

# 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**  
5983657

**Protanopia**  
1988788

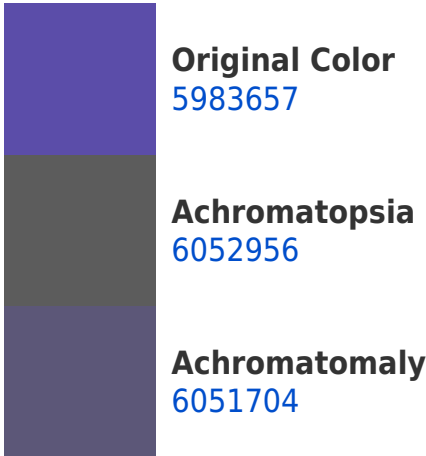
**Deuteranopia**  
23716



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5983657 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 #5B4DA9 looks like.

```
.text, #text, p{  
    color:#5B4DA9  
}
```

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 #5B4DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4DA9
}
```

## Border

The CSS property to change the border of an element to Decimal 5983657 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
#5B4DA9 }
```

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

```
.border{ border-color:#5B4DA9 }
```

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

Here you see how a box with a 4 pixel #5B4DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4DA9; -webkit-box-shadow:4px 4px  
4px 4px #5B4DA9; box-shadow:4px 4px 4px  
4px #5B4DA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5983657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4DA9 }
```

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

```
.background{ background-color:#5B4DA9 }
```

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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