

# Converting Colors

Decimal(6313609)

Have a look what the booklet for  
Decimal(6313609) contains.

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# Color

**Decimal(6313609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605689
RGB	96, 86, 137
RGB Percent	38%, 34%, 54%
CMY	0.6235, 0.6627, 0.4627
CMYK	0.30, 0.37, 0.00, 0.46
HSL	252°, 23%, 44%
HSV	252°, 37%, 54%
XYZ	12.6670, 10.9485, 25.1126
YIQ	94.8040, -10.4110, 17.9810

# Conversions

## Conversions Part 2

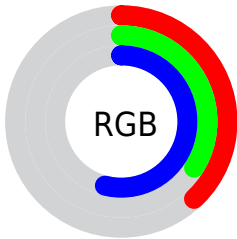
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 86, 137
Decimal	6313609
CIE <sub>Lab</sub>	39.49, 16.20, -26.97
CIE <sub>LCh</sub>	39, 31.464, 300.989
Yxy	10.9485, 0.2600, 0.2247
Android (android.graphics.Color)	4284503689 (0xFF605689)
YUV	94.8040, 20.8026, 1.0489
Hunter-Lab	33.0885, 10.4287, -21.8362

# Details

The Decimal color **6313609** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8358230**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9734335**, and **3090775** is the 20% darker color. If you saturate the color by 10%, you get **5589129**, and if you desaturate by 10%, it is **7038089**.

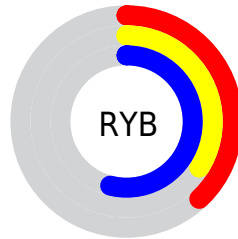
# Distribution



Red (38%)

Green (34%)

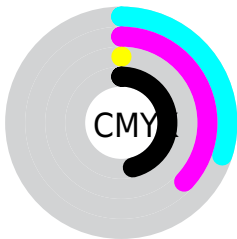
Blue (54%)



Red (38%)

Yellow (34%)

Blue (54%)

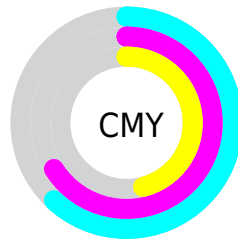


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (66%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6313609 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 6313609 by changing the saturation by 10% instead.



6313609

6313609

16777215

4669295

9734335

3090775

11510491

1578047

13352439

131113

15194623

275

16774655

0

6313609

6313609

5589129

7038089

4864905

7762313

4140425

8486793

3415945

9211273

2691721

9935753

1967241

10659977

1769609

11384457

12108937

12833161

# Harmonies

## Analogous

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



3301264



6313609



8211830

# Triad

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



6313609



8409905



27229

# Complementary

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



6313609



8358230

# 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.



3172419



6313609



7101480

# Square

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



6313609



9194052



5333808



27255

# Rectangle

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



6313609



8996966



5333808



682580



# Sweetspot

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



6313609



10723251



5669001



5262937



14277081



5855577



# Same Dimension

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



6313609



7496371



7952009



4144709



1704069



65541



# Inverse Universe

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



9000575



11756195



6719830



4537924



8716395



327684



# Previews

## White Background



This preview shows how the Decimal color 6313609 looks on a white background.

## Color Contrast Check

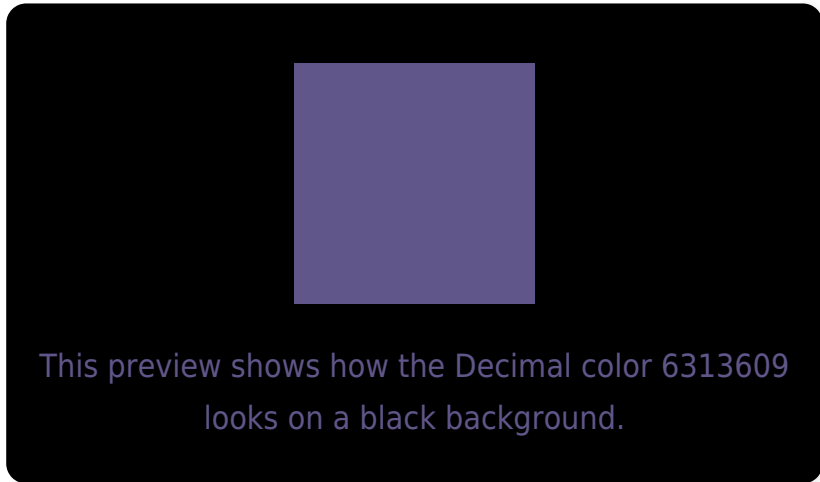
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

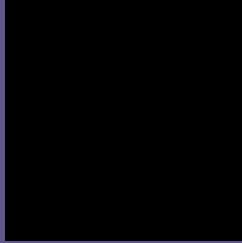
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6313609 Background



This preview shows how black text looks on a background with the Decimal color 6313609.

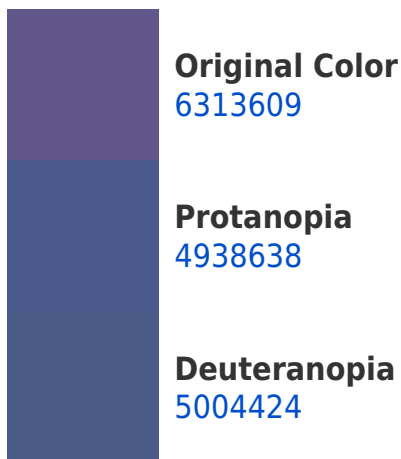



This preview shows how white text looks on a background with the Decimal color 6313609.

# 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**  
5856613

# Trichromacy



**Original Color**  
6313609

**Protanomaly**  
5462412

**Deuteranomaly**  
5462664

**Tritanomaly**  
6052466

# Monochromacy



**Original Color**  
6313609

**Achromatopsia**  
6250335

**Achromatomaly**  
6249582

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6313609 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 #605689 looks like.

```
.text, #text, p{  
    color:#605689  
}
```

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 #605689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605689
}
```

## Border

The CSS property to change the border of an element to Decimal 6313609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

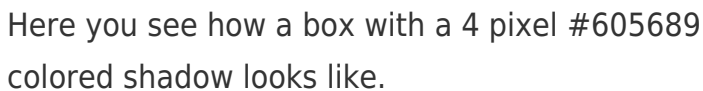
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#605689 }
```

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

```
.border{ border-color:#605689 }
```

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



Here you see how a box with a 4 pixel #605689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605689; -webkit-box-shadow:4px 4px  
4px 4px #605689; box-shadow:4px 4px 4px  
4px #605689 }
```

# Background

The CSS property to change the background color of an element to Decimal 6313609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605689 }
```

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

```
.background{ background-color:#605689 }
```

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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