

# Converting Colors

Decimal(6110602)

Have a look what the booklet for  
Decimal(6110602) contains.

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# Color

**Decimal(6110602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D3D8A
RGB	93, 61, 138
RGB Percent	36%, 24%, 54%
CMY	0.6353, 0.7608, 0.4588
CMYK	0.33, 0.56, 0.00, 0.46
HSL	265°, 39%, 39%
HSV	265°, 56%, 54%
XYZ	10.7704, 7.4996, 24.9247
YIQ	79.3460, -5.6450, 30.7310

# Conversions

## Conversions Part 2

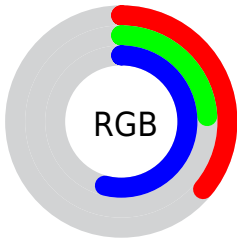
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 61, 138
Decimal	6110602
CIELab	32.92, 31.10, -38.00
CIELCh	33, 49.107, 309.295
Yxy	7.4996, 0.2493, 0.1736
Android (android.graphics.Color)	4284300682 (0xFF5D3D8A)
YUV	79.3460, 28.9164, 11.9746
Hunter-Lab	27.3854, 22.2776, -34.7926

# Details

The Decimal color **6110602** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6982205**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **9596608**, and **2756695** is the 20% darker color. If you saturate the color by 10%, you get **5582730**, and if you desaturate by 10%, it is **6638474**.

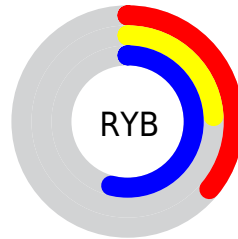
# Distribution



Red (36%)

Green (24%)

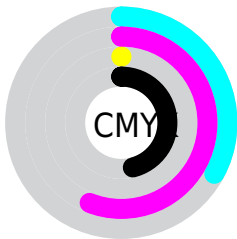
Blue (54%)



Red (36%)

Yellow (24%)

Blue (54%)

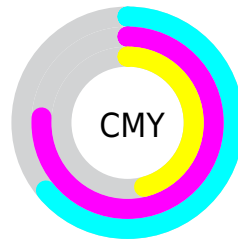


Cyan (33%)

Magenta (56%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (76%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6110602 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 6110602 by changing the saturation by 10% instead.



6110602

6110602

16777215

4400752

9596608

2756695

11372508

1245248

13214457

553

15121919

275

16767487

0

16774911

6110602

6110602

5582730

6638474

■ 5054858

■ 7166346

■ 4527242

■ 7693962

■ 3999370

■ 8221834

■ 3735690

■ 8749706

■ 9277578

■ 9805450

■ 10398602

■ 10926474

# Harmonies

## Analogous

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



20123



6110602



8661354

# Triad

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



6110602



7618816



24409

# Complementary

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



6110602



6982205

# 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.



23856



6110602



5525504

# Square

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



6110602



9056030



2643973



24190

# Rectangle

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



6110602



9379920



2643973



24139



# Sweetspot

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



6110602



10589363



4025226



5195609



14277081



5855577



# Same Dimension

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



6110602



7158707



8535434



4275781



3604613



131077



# Inverse Universe

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



9059690



11746177



4557373



4537922



8716365

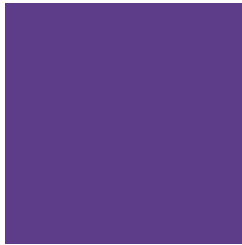


327683



# Previews

## White Background



This preview shows how the Decimal color 6110602 looks on a white background.

## Color Contrast Check

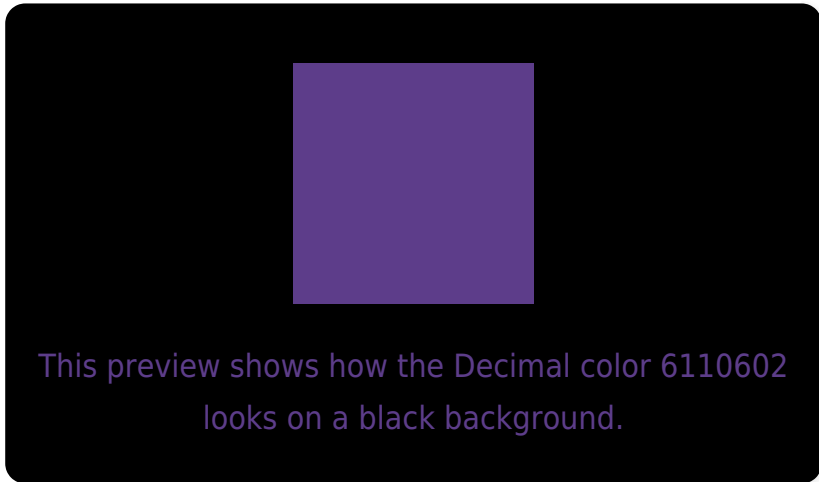
Large Text (above 18pt) WCAG AA ✓ Pass

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

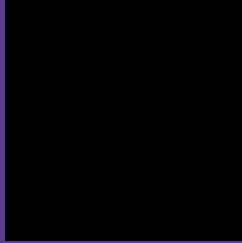
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6110602 Background



This preview shows how black text looks on a background with the Decimal color 6110602.




This preview shows how white text looks on a background with the Decimal color 6110602.

# 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**  
5393490

# Trichromacy



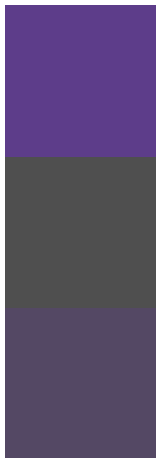
**Original Color**  
6110602

**Protanomaly**  
3491476

**Deuteranomaly**  
3623047

**Tritanomaly**  
5654374

# Monochromacy



**Original Color**  
6110602

**Achromatopsia**  
5197647

**Achromatomaly**  
5523556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6110602 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 #5D3D8A looks like.

```
.text, #text, p{  
    color:#5D3D8A  
}
```

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 #5D3D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3D8A
}
```

## Border

The CSS property to change the border of an element to Decimal 6110602 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
#5D3D8A }
```

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

```
.border{ border-color:#5D3D8A }
```

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

Here you see how a box with a 4 pixel #5D3D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3D8A; -webkit-box-shadow:4px 4px  
4px 4px #5D3D8A; box-shadow:4px 4px 4px  
4px #5D3D8A }
```

# Background

The CSS property to change the background color of an element to Decimal 6110602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3D8A }
```

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

```
.background{ background-color:#5D3D8A }
```

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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