

# Converting Colors

Decimal(6093117)

Have a look what the booklet for  
Decimal(6093117) contains.

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# **Color**

**Decimal(6093117)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5CF93D                       |
| RGB         | 92, 249, 61                  |
| RGB Percent | 36%, 98%, 24%                |
| CMY         | 0.6392, 0.0235, 0.7608       |
| CMYK        | 0.63, 0.00, 0.76, 0.02       |
| HSL         | 110°, 94%, 61%               |
| HSV         | 110°, 76%, 98%               |
| XYZ         | 39.1316, 70.3636, 15.9340    |
| YIQ         | 180.6250, -33.2240, -91.7520 |

# Conversions

## Conversions Part 2

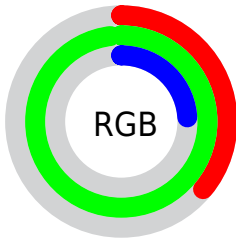
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">61, 249, 218</a>                     |
| Decimal                             | <a href="#">6093117</a>                          |
| CIELab                              | <a href="#">87.17, -72.76, 72.49</a>             |
| CIElCh                              | <a href="#">87, 102.707, 135.104</a>             |
| Yxy                                 | <a href="#">70.3636, 0.3120,<br/>0.5610</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284283197<br/>(0xFF5CF93D)</a>      |
| YUV                                 | <a href="#">180.6250, -58.9751,<br/>-77.7241</a> |
| Hunter-Lab                          | <a href="#">83.8830, -63.5246,<br/>47.4557</a>   |

# Details

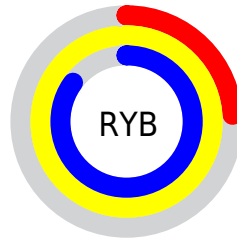
The Decimal color **6093117** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **14302713**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10420089**, and **48896** is the 20% darker color. If you saturate the color by 10%, you get **4716836**, and if you desaturate by 10%, it is **7469398**.

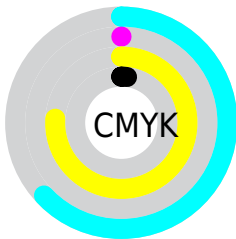
# Distribution



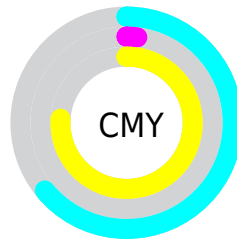
- Red (36%)
- Green (98%)
- Blue (24%)



- Red (24%)
- Yellow (98%)
- Blue (85%)



- Cyan (63%)
- Magenta (0%)
- Yellow (76%)
- Black (2%)



- Cyan (64%)
- Magenta (2%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6093117 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 6093117 by changing the saturation by 10% instead.



 6093117

 6093117

16777215

 3398678

 10420089

 48896

 12517269

 41728

 14548914

 34816

 16646096

 27904

 16777197

 21248

 15104

 8448

 0

■ 6093117

■ 6093117

■ 4716836

■ 7469398

■ 3340555

■ 8845679

■ 2750720

■ 10156424

■ 11532705

■ 12908986

■ 14285266

■ 15661547

■ 16775679

# Harmonies

## Analogous

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



14214400



6093117



65445

# Triad

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



6093117



62719



16739758

# Complementary

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



6093117



14302713

# 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.



16742143



6093117



4511231

# Square

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



6093117



65535



16754687



16750161

# Rectangle

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



6093117



65513



16754687



16738766

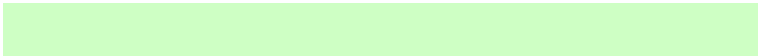


# Sweetspot

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



6093117



13565892



16374333



6455388



0



8421504



# Same Dimension

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



6093117



4062999



4061564



7568752



2080000



670976



# Inverse Universe

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



14302713



14227455



16334266



8089725



10354877

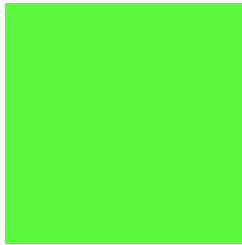


3342397



# Previews

## White Background



This preview shows how the Decimal color 6093117 looks on a white background.

## Color Contrast Check

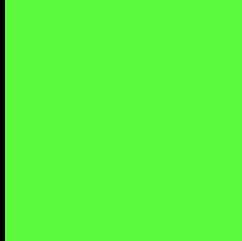
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6093117 looks on a black 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

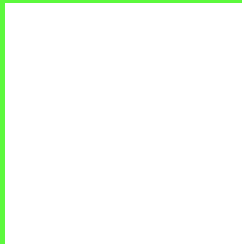
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6093117 Background



This preview shows how black text looks on a background with the Decimal color 6093117.

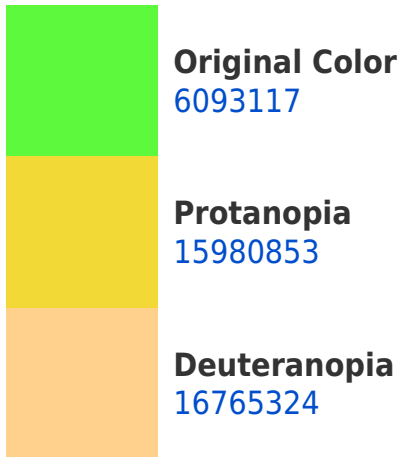


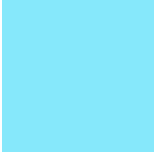
This preview shows how white text looks on a background with the Decimal color 6093117.

# 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](#).

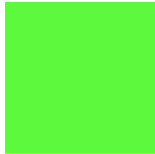
## Dichromacy





**Tritanopia**  
8841467

# Trichromacy



**Original Color**  
6093117



**Protanomaly**  
12379448



**Deuteranomaly**  
12902511



**Tritanomaly**  
7859894

# Monochromacy



**Original Color**  
6093117



**Achromatopsia**  
11908533



**Achromatomaly**  
9817737

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6093117 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 #5CF93D looks like.

```
.text, #text, p{  
    color:#5CF93D  
}
```

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 #5CF93D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CF93D
}
```

## Border

The CSS property to change the border of an element to Decimal 6093117 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
#5CF93D }
```

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

```
.border{ border-color:#5CF93D }
```

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

Here you see how a box with a 4 pixel #5CF93D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CF93D; -webkit-box-shadow:4px 4px  
4px 4px #5CF93D; box-shadow:4px 4px 4px  
4px #5CF93D }
```

# Background

The CSS property to change the background color of an element to Decimal 6093117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CF93D }
```

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

```
.background{ background-color:#5CF93D }
```

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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