

# Converting Colors

Decimal(5698096)

Have a look what the booklet for  
Decimal(5698096) contains.

|  |    |
|--|----|
| <b>Decimal(5698096)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Decimal(5698096)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 56F230                       |
| RGB         | 86, 242, 48                  |
| RGB Percent | 34%, 95%, 19%                |
| CMY         | 0.6627, 0.0510, 0.8118       |
| CMYK        | 0.64, 0.00, 0.80, 0.05       |
| HSL         | 108°, 88%, 57%               |
| HSV         | 108°, 80%, 95%               |
| XYZ         | 36.1234, 65.6961, 13.5730    |
| YIQ         | 173.2400, -30.7020, -93.4060 |

# Conversions

## Conversions Part 2

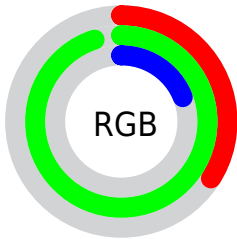
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">48, 242, 204</a>                     |
| Decimal                             | <a href="#">5698096</a>                          |
| CIELab                              | <a href="#">84.84, -72.48, 73.96</a>             |
| CIElCh                              | <a href="#">85, 103.554, 134.424</a>             |
| Yxy                                 | <a href="#">65.6961, 0.3130,<br/>0.5693</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4283888176<br/>(0xFF56F230)</a>      |
| YUV                                 | <a href="#">173.2400, -61.7433,<br/>-76.5095</a> |
| Hunter-Lab                          | <a href="#">81.0531, -62.2899,<br/>46.8086</a>   |

# Details

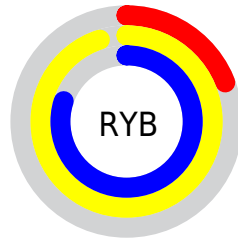
The Decimal color **5698096** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **13381874**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10092398**, and **47104** is the 20% darker color. If you saturate the color by 10%, you get **4452888**, and if you desaturate by 10%, it is **6943304**.

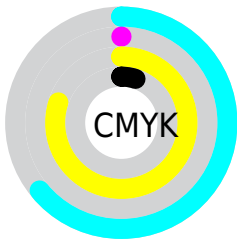
# Distribution



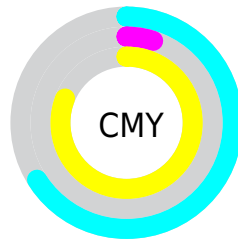
- Red (34%)
- Green (95%)
- Blue (19%)



- Red (19%)
- Yellow (95%)
- Blue (80%)



- Cyan (64%)
- Magenta (0%)
- Yellow (80%)
- Black (5%)



- Cyan (66%)
- Magenta (5%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5698096 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 5698096 by changing the saturation by 10% instead.



 5698096

 5698096

16777215

 2872576

 10092398

 47104

 12189579

 40192

 14221224

 33024

 16252869

 26368

 16777187

 19712

 13568

 6656

 0

 5698096

 5698096

 4452888

 6943304

 3142144

 8254048

 9499257

 10810001

 12055209

 13365953

 14611161

 15921906

 16773887

# Harmonies

## Analogous

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



13819392



5698096



64668

# Triad

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



5698096



61183



16736937

# Complementary

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



5698096



13381874

# 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.



16739839



5698096



53503

# Square

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



5698096



64767



16753151



16748108

# Rectangle

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



5698096



65504



16753151



16735946

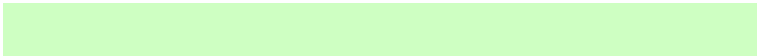


# Sweetspot

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



5698096



13565890



15911728



6455387



0



8421504



# Same Dimension

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



5698096



3866378



3207786



7239788



2406400



735232



# Inverse Universe

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



13381874



13568767



15872184



7761016



9699512

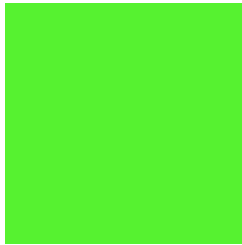


2949176



# Previews

## White Background



This preview shows how the Decimal color 5698096 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 5698096 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

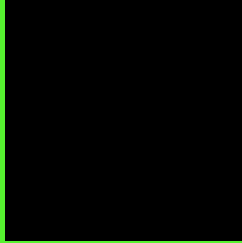
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

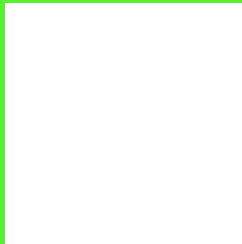
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5698096 Background



This preview shows how black text looks on a background with the Decimal color 5698096.

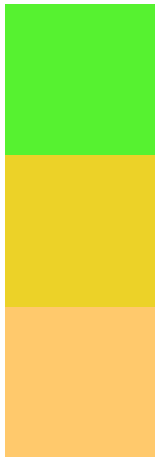


This preview shows how white text looks on a background with the Decimal color 5698096.

# 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**  
5698096

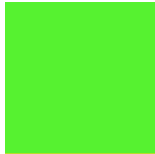
**Protanopia**  
15520296

**Deuteranopia**  
16763244



**Tritanopia**  
8446452

# Trichromacy



**Original Color**  
5698096



**Protanomaly**  
11918891

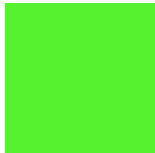


**Deuteranomaly**  
12769366



**Tritanomaly**  
7464877

# Monochromacy



**Original Color**  
5698096



**Achromatopsia**  
11382189



**Achromatomaly**  
9291392

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5698096 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 #56F230 looks like.

```
.text, #text, p{  
    color:#56F230  
}
```

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 #56F230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56F230
}
```

## Border

The CSS property to change the border of an element to Decimal 5698096 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
#56F230 }
```

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

```
.border{ border-color:#56F230 }
```

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

Here you see how a box with a 4 pixel #56F230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56F230; -webkit-box-shadow:4px 4px  
4px 4px #56F230; box-shadow:4px 4px 4px  
4px #56F230 }
```

# Background

The CSS property to change the background color of an element to Decimal 5698096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56F230 }
```

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

```
.background{ background-color:#56F230 }
```

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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