

# Converting Colors

Decimal(5827672)

Have a look what the booklet for  
Decimal(5827672) contains.

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# **Color**

**Decimal(5827672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58EC58
RGB	88, 236, 88
RGB Percent	35%, 93%, 35%
CMY	0.6549, 0.0745, 0.6549
CMYK	0.63, 0.00, 0.63, 0.07
HSL	120°, 80%, 64%
HSV	120°, 63%, 93%
XYZ	35.7814, 62.7702, 19.4625
YIQ	174.8760, -40.7000, -77.4040

# Conversions

## Conversions Part 2

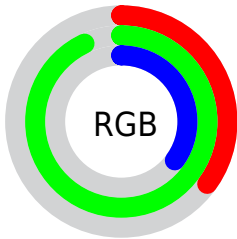
Format	Color
<a href="#">RYB</a>	<a href="#">88, 236, 236</a>
Decimal	<a href="#">5827672</a>
CIELab	<a href="#">83.32, -67.08, 58.58</a>
CIELCh	<a href="#">83, 89.059, 138.869</a>
Yxy	<a href="#">62.7702, 0.3032, 0.5319</a>
Android (android.graphics.Color)	<a href="#">4284017752 (0xFF58EC58)</a>
YUV	<a href="#">174.8760, -42.8299, -76.1903</a>
Hunter-Lab	<a href="#">79.2276, -58.0328, 40.8946</a>

# Details

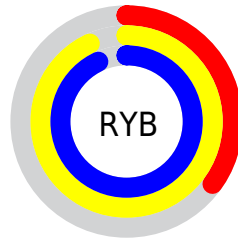
The Decimal color **5827672** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **15489260**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **10026895**, and **45853** is the 20% darker color. If you saturate the color by 10%, you get **4254784**, and if you desaturate by 10%, it is **7400560**.

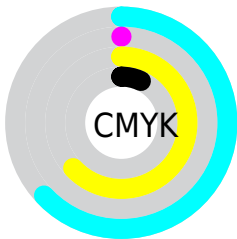
# Distribution



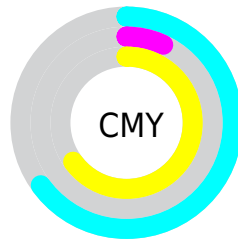
- Red (35%)
- Green (93%)
- Blue (35%)



- Red (35%)
- Yellow (93%)
- Blue (93%)



- Cyan (63%)
- Magenta (0%)
- Yellow (63%)
- Black (7%)



- Cyan (65%)
- Magenta (7%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5827672 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 5827672 by changing the saturation by 10% instead.



 5827672

 5827672

16777215

 3264316

 10026895

 45853

 12058539

 38656

 14090183

 31744

 16121828

 25088

 18432

 12544

 5120

 0

 5827672

 5827672

 4254784

 7400560

 2747433

 8907911

 1174545

 10480799

 60416

 11988150

 13561038

 15133926

 16641277

 16772351

# Harmonies

## Analogous

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



12966912



5827672



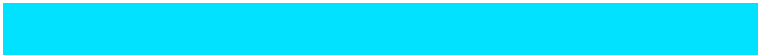
62636

# Triad

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



5827672



58111



16743583

# Complementary

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



5827672



15489260

# 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.



16743923



5827672



9095167

# Square

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



5827672



61951



16752895



16751698

# Rectangle

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



5827672



63207



16752895



16742586

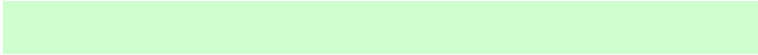


# Sweetspot

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



5827672



13631439



15527000



6455394



0



8421504



# Same Dimension

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



5827672



4259648



5827746



6976874



46336



13824



# Inverse Universe

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



15489260



16728319



15489186



7694965



11862197

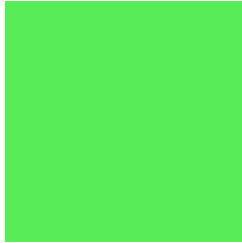


3538998



# Previews

## White Background



This preview shows how the Decimal color 5827672 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 5827672 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

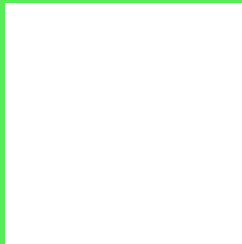
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 5827672 Background



This preview shows how black text looks on a background with the Decimal color 5827672.

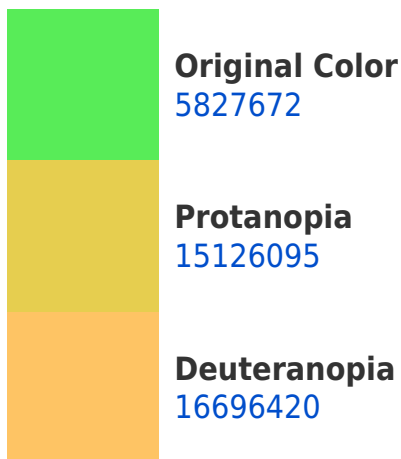


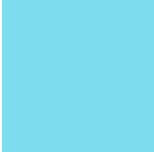
This preview shows how white text looks on a background with the Decimal color 5827672.

# 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](#).

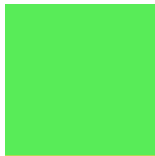
## Dichromacy



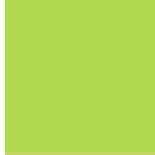


**Tritanopia**  
8248815

# Trichromacy



**Original Color**  
5827672



**Protanomaly**  
11721042



**Deuteranomaly**  
12768096



**Tritanomaly**  
7398072

# Monochromacy



**Original Color**  
5827672



**Achromatopsia**  
11513775



**Achromatomaly**  
9422223

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5827672 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 #58EC58 looks like.

```
.text, #text, p{  
    color:#58EC58  
}
```

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 #58EC58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EC58
}
```

## Border

The CSS property to change the border of an element to Decimal 5827672 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
#58EC58 }
```

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

```
.border{ border-color:#58EC58 }
```

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

Here you see how a box with a 4 pixel #58EC58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EC58; -webkit-box-shadow:4px 4px  
4px 4px #58EC58; box-shadow:4px 4px 4px  
4px #58EC58 }
```

# Background

The CSS property to change the background color of an element to Decimal 5827672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EC58 }
```

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

```
.background{ background-color:#58EC58 }
```

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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