

# Converting Colors

Decimal(5686807)

Have a look what the booklet for  
Decimal(5686807) contains.

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# **Color**

**Decimal(5686807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56C617
RGB	86, 198, 23
RGB Percent	34%, 78%, 9%
CMY	0.6627, 0.2235, 0.9098
CMYK	0.57, 0.00, 0.88, 0.22
HSL	98°, 79%, 43%
HSV	98°, 88%, 78%
XYZ	24.1865, 42.4285, 7.7254
YIQ	144.5620, -10.5770, -78.1690

# Conversions

## Conversions Part 2

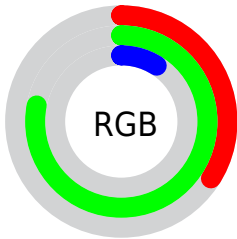
Format	Color
<a href="#">RYB</a>	<a href="#">23, 198, 135</a>
Decimal	<a href="#">5686807</a>
CIELab	<a href="#">71.17, -58.87, 67.49</a>
CIELCh	<a href="#">71, 89.554, 131.097</a>
Yxy	<a href="#">42.4285, 0.3253, 0.5707</a>
Android (android.graphics.Color)	<a href="#">4283876887</a> ( <a href="#">0xFF56C617</a> )
YUV	<a href="#">144.5620, -59.9301, -51.3589</a>
Hunter-Lab	<a href="#">65.1371, -47.7100, 38.5641</a>

# Details

The Decimal color **5686807** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **8853446**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **9699161**, and **36608** is the 20% darker color. If you saturate the color by 10%, you get **4834819**, and if you desaturate by 10%, it is **6538795**.

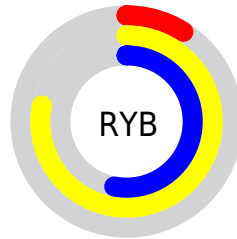
# Distribution



Red (34%)

Green (78%)

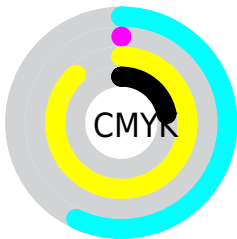
Blue (9%)



Red (9%)

Yellow (78%)

Blue (53%)

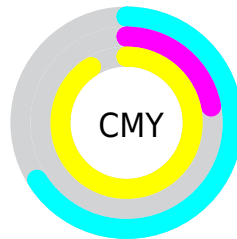


Cyan (57%)

Magenta (0%)

Yellow (88%)

Black (22%)



Cyan (66%)

Magenta (22%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5686807 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 5686807 by changing the saturation by 10% instead.





5686807



5686807

16777215



3451392



9699161



36608



11665269



29696



13631377



23296



15597486



16896



16777162



11008



16777192



2048



0



5686807



5686807

■ 4834819

■ 6538795

■ 4703744

■ 7325247

■ 8177234

■ 9029222

■ 9815674

■ 10667662

■ 11519650

■ 12306101

■ 13158089

# Harmonies

## Analogous

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



11973632



5686807



53110

# Triad

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



5686807



50943



16731540

# Complementary

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



5686807



8853446

# 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.



16735717



5686807



44799

# Square

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



5686807



53503



14060031



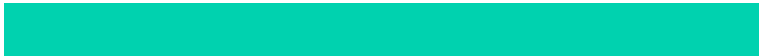
16740165

# Rectangle

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



5686807



53935



14060031



16731311

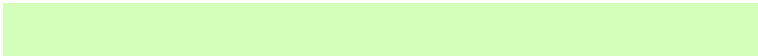


# Sweetspot

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



5686807



13893562



13010455



6651991



0



8421504



# Same Dimension

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



5686807



6094592



1558062



6120282



3908352



861184



# Inverse Universe

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



8853446



10682623



12982191



6314595



6815907

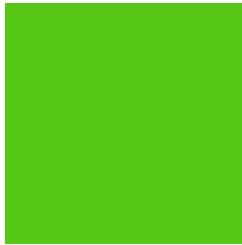


1507364



# Previews

## White Background



This preview shows how the Decimal color 5686807 looks on a white background.

## Color Contrast Check

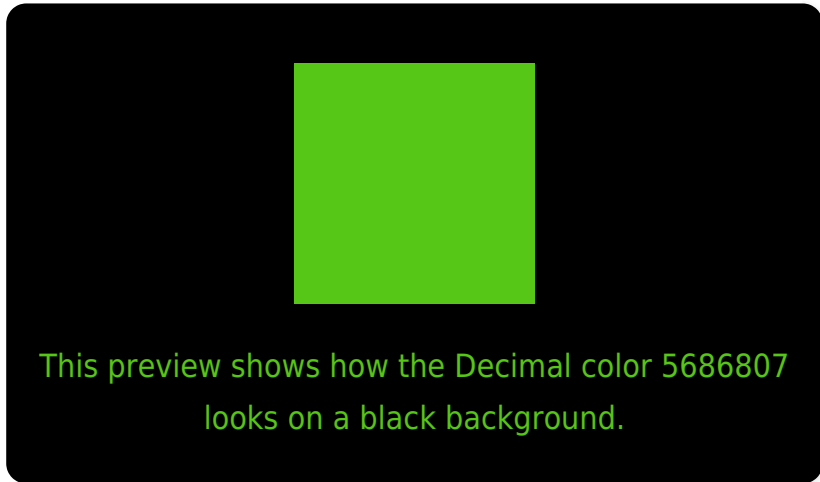
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 5686807 Background



This preview shows how black text looks on a background with the Decimal color 5686807.



This preview shows how white text looks on a background with the Decimal color 5686807.

# 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](#).

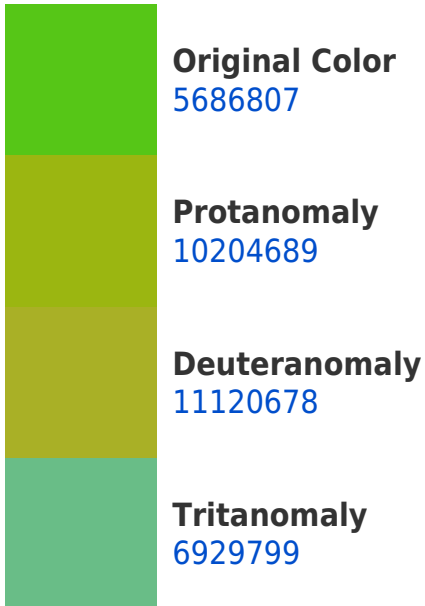
## Dichromacy





**Tritanopia**  
7649479

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5686807 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 #56C617 looks like.

```
.text, #text, p{  
    color:#56C617  
}
```

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 #56C617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C617
}
```

## Border

The CSS property to change the border of an element to Decimal 5686807 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
#56C617 }
```

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

```
.border{ border-color:#56C617 }
```

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

Here you see how a box with a 4 pixel #56C617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C617; -webkit-box-shadow:4px 4px  
4px 4px #56C617; box-shadow:4px 4px 4px  
4px #56C617 }
```

# Background

The CSS property to change the background color of an element to Decimal 5686807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C617 }
```

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

```
.background{ background-color:#56C617 }
```

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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