

Converting Colors

Decimal(589656)

Have a look what the booklet for
Decimal(589656) contains.

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Color

Decimal(589656)

Conversions

Conversions Part 1

Format	Color
Hex	08FF58
RGB	8, 255, 88
RGB Percent	3%, 100%, 35%
CMY	0.9686, 0.0000, 0.6549
CMYK	0.97, 0.00, 0.65, 0.00
HSL	139°, 100%, 52%
HSV	139°, 97%, 100%
XYZ	37.6216, 72.2762, 21.2004
YIQ	162.1090, -93.6050, -104.3010

Conversions

Conversions Part 2

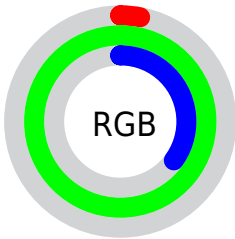
Format	Color
RYB	8, 195, 255
Decimal	589656
CIELab	88.10, -81.60, 63.57
CIELCh	88, 103.434, 142.081
Yxy	72.2762, 0.2870, 0.5513
Android (android.graphics.Color)	4278779736 (0xFF08FF58)
YUV	162.1090, -36.5357, -135.1536
Hunter-Lab	85.0154, -69.7860, 44.7256

Details

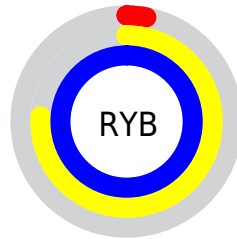
The Decimal color **589656** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **16713903**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **7798672**, and **50200** is the 20% darker color. If you saturate the color by 10%, you get **65363**, and if you desaturate by 10%, it is **2228073**.

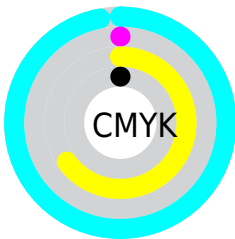
Distribution



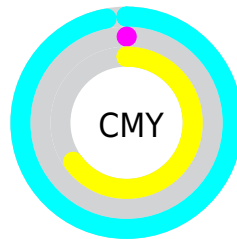
- Red (3%)
- Green (100%)
- Blue (35%)



- Red (3%)
- Yellow (76%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (97%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 589656 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 589656 by changing the saturation by 10% instead.



■ 589656

■ 589656

■ 65363

■ 2228073

■ 3932026

■ 5635980

■ 7274397

■ 8978350

■ 10616767

■ 12320721

■ 13959138

■ 15663091

Harmonies

Analogous

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



12840448



589656



65471

Triad

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



589656



61951



16742041

Complementary

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



589656



16713903

Split Complementary

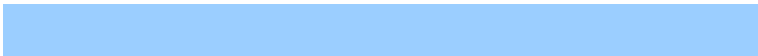
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16740604



589656



10211071

Square

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



589656



65535



16752127



16753723

Rectangle

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



589656



65535



16752127



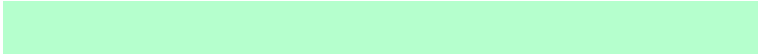
16739770

Sweetspot

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



589656



11927501



11665160



5472353



0



8421504

Same Dimension

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



589656



65363



589778



7569527



48958



16405

Inverse Universe

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



16713903



16711852



16713781



8418171



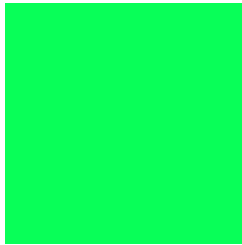
12517505



4194347

Previews

White Background



This preview shows how the Decimal color 589656 looks on a white background.

Color Contrast Check

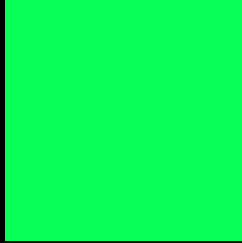
Large Text (above 18pt) WCAG AA × Fail

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 589656 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 589656 Background



This preview shows how black text looks on a background with the Decimal color 589656.

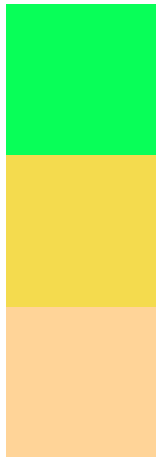


This preview shows how white text looks on a background with the Decimal color 589656.

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](#).

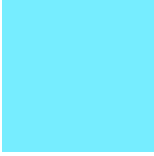
Dichromacy



Original Color
589656

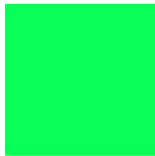
Protanopia
16046926

Deuteranopia
16766104



Tritanopia
7794175

Trichromacy



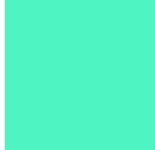
Original Color
589656



Protanomaly
10414162

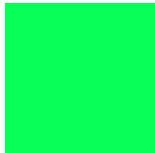


Deuteranomaly
10871937



Tritanomaly
5174466

Monochromacy



Original Color
589656



Achromatopsia
10658466



Achromatomaly
6997127

CSS Examples

Text

The CSS property to change the color of the text to Decimal 589656 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 #08FF58 looks like.

```
.text, #text, p{  
    color:#08FF58  
}
```

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 #08FF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08FF58
}
```

Border

The CSS property to change the border of an element to Decimal 589656 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
#08FF58 }
```

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

```
.border{ border-color:#08FF58 }
```

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

Here you see how a box with a 4 pixel #08FF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08FF58; -webkit-box-shadow:4px 4px  
4px 4px #08FF58; box-shadow:4px 4px 4px  
4px #08FF58 }
```

Background

The CSS property to change the background color of an element to Decimal 589656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08FF58 }
```

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

```
.background{ background-color:#08FF58 }
```

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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