

Converting Colors

Decimal(58718)

Have a look what the booklet for
Decimal(58718) contains.

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Color

Decimal(58718)

Conversions

Conversions Part 1

Format	Color
Hex	00E55E
RGB	0, 229, 94
RGB Percent	0%, 90%, 37%
CMY	1.0000, 0.1020, 0.6314
CMYK	1.00, 0.00, 0.59, 0.10
HSL	145°, 100%, 45%
HSV	145°, 100%, 90%
XYZ	30.0397, 56.8468, 19.9789
YIQ	145.1390, -93.1490, -90.5330

Conversions

Conversions Part 2

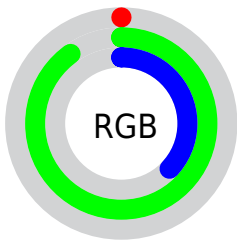
Format	Color
RYB	0, 162, 229
Decimal	58718
CIELab	80.09, -73.61, 52.03
CIELCh	80, 90.143, 144.748
Yxy	56.8468, 0.2811, 0.5319
Android (android.graphics.Color)	4278248798 (0xFF00E55E)
YUV	145.1390, -25.2115, -127.2869
Hunter-Lab	75.3968, -60.8262, 37.0669

Details

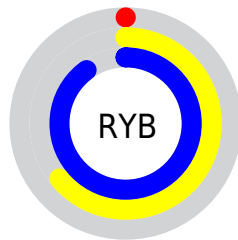
The Decimal color **58718** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **15007879**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **7208852**, and **44072** is the 20% darker color. If you saturate the color by 10%, you get **58718**, and if you desaturate by 10%, it is **1566059**.

Distribution



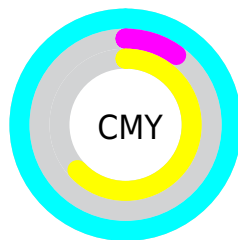
- Red (0%)
- Green (90%)
- Blue (37%)



- Red (0%)
- Yellow (64%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 58718 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 58718 by changing the saturation by 10% instead.



 58718

 1566059

 3073401

 4580742

 6088084

 7595425

 9037231

 10544572

 12051914

 13559256

Harmonies

Analogous

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



11196160



58718



60597

Triad

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



58718



54783



16741766

Complementary

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



58718



15007879

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.



16739801



58718



10795007

Square

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



58718



59135



16748287



16751160

Rectangle

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



58718



60911



16748287



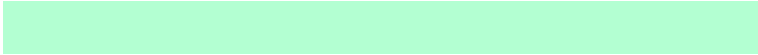
16739745

Sweetspot

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



58718



11796434



9037056



5406820



0



8421504

Same Dimension

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



58718



65385



58830



6779756



45897



13077

Inverse Universe

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



15007879



16711830



15007767



7563118



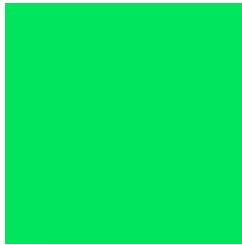
11731049



3342366

Previews

White Background



This preview shows how the Decimal color 58718 looks on a white background.

Color Contrast Check

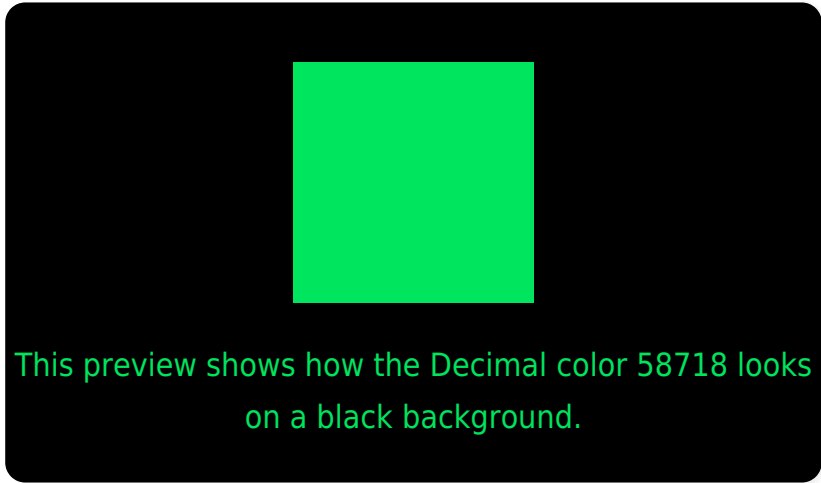
Large Text (above 18pt) WCAG AA × Fail

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 58718 Background



This preview shows how black text looks on a background with the Decimal color 58718.

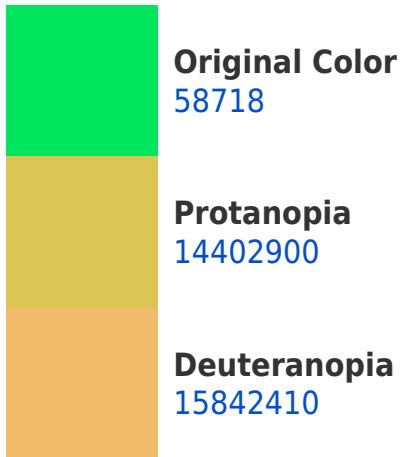


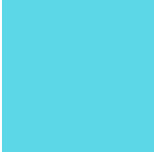
This preview shows how white text looks on a background with the Decimal color 58718.

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](#).

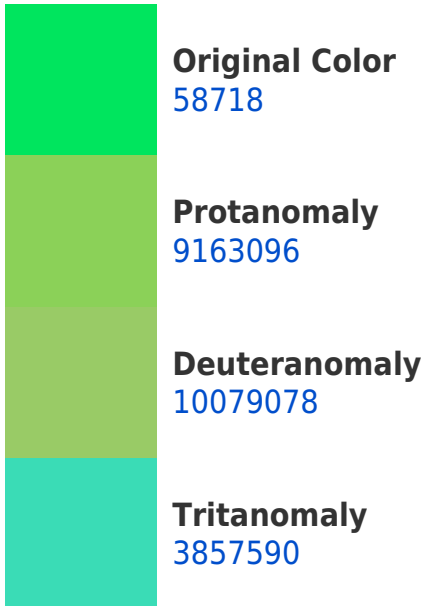
Dichromacy





Tritanopia
6019048

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 58718 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 #00E55E looks like.

```
.text, #text, p{  
    color:#00E55E  
}
```

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 #00E55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E55E
}
```

Border

The CSS property to change the border of an element to Decimal 58718 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
#00E55E }
```

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

```
.border{ border-color:#00E55E }
```

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

Here you see how a box with a 4 pixel #00E55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E55E; -webkit-box-shadow:4px 4px  
4px 4px #00E55E; box-shadow:4px 4px 4px  
4px #00E55E }
```

Background

The CSS property to change the background color of an element to Decimal 58718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E55E }
```

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

```
.background{ background-color:#00E55E }
```

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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