

Converting Colors

Decimal(5894738)

Have a look what the booklet for
Decimal(5894738) contains.

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Color

Decimal(5894738)

Conversions

Conversions Part 1

Format	Color
Hex	59F252
RGB	89, 242, 82
RGB Percent	35%, 95%, 32%
CMY	0.6510, 0.0510, 0.6784
CMYK	0.63, 0.00, 0.66, 0.05
HSL	117°, 86%, 64%
HSV	117°, 66%, 95%
XYZ	37.3949, 66.2373, 18.7968
YIQ	178.0130, -39.8280, -82.1960

Conversions

Conversions Part 2

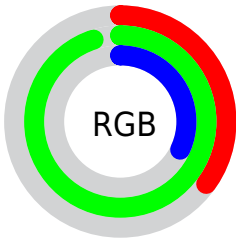
Format	Color
RYB	82, 242, 235
Decimal	5894738
CIELab	85.12, -69.47, 62.98
CIELCh	85, 93.770, 137.808
Yxy	66.2373, 0.3054, 0.5410
Android (android.graphics.Color)	4284084818 (0xFF59F252)
YUV	178.0130, -47.3344, -78.0644
Hunter-Lab	81.3863, -60.4098, 43.2769

Details

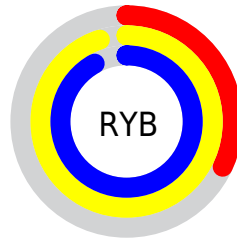
The Decimal color **5894738** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **15422194**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **10157962**, and **47119** is the 20% darker color. If you saturate the color by 10%, you get **4387386**, and if you desaturate by 10%, it is **7402090**.

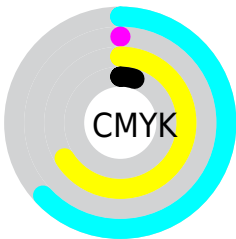
Distribution



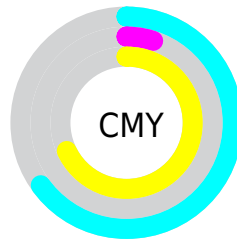
- Red (35%)
- Green (95%)
- Blue (32%)



- Red (32%)
- Yellow (95%)
- Blue (92%)



- Cyan (63%)
- Magenta (0%)
- Yellow (66%)
- Black (5%)



- Cyan (65%)
- Magenta (5%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5894738 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 5894738 by changing the saturation by 10% instead.

■ 5894738

■ 5894738

16777215

■ 3265845

■ 10157962

■ 47119

■ 12189606

■ 40192

■ 14221250

■ 33024

■ 16252896

■ 26368

16777213

■ 19712

■ 13568

■ 6656

■ 0

■ 5894738

■ 5894738

■ 4387386

■ 7402090

■ 2880034

■ 8909442

■ 1372681

■ 10416795

■ 782848

■ 11989683

■ 13497035

■ 15004387

■ 16511739

■ 16773887

Harmonies

Analogous

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



13426688



5894738



64428

Triad

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



5894738



59903



16743076

Complementary

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



5894738



15422194

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.



16743677



5894738



8310271

Square

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



5894738



63743



16753663



16751698

Rectangle

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



5894738



65002



16753663



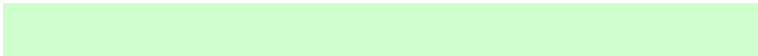
16741825

Sweetspot

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



5894738



13565900



15919698



6455393



0



8421504

Same Dimension

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



5894738



4128566



5436058



7108716



571392



145408

Inverse Universe

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



15422194



16135935



15880874



7826552



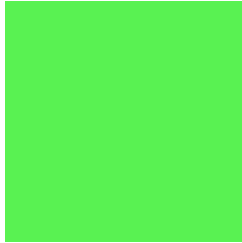
11534520



3539000

Previews

White Background



This preview shows how the Decimal color 5894738 looks on a white background.

Color Contrast Check

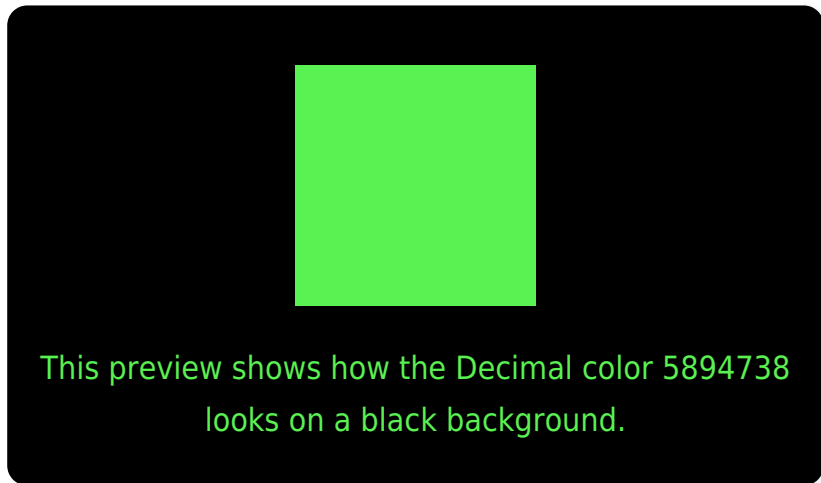
Large Text (above 18pt) WCAG AA × Fail

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 5894738 Background



This preview shows how black text looks on a background with the Decimal color 5894738.

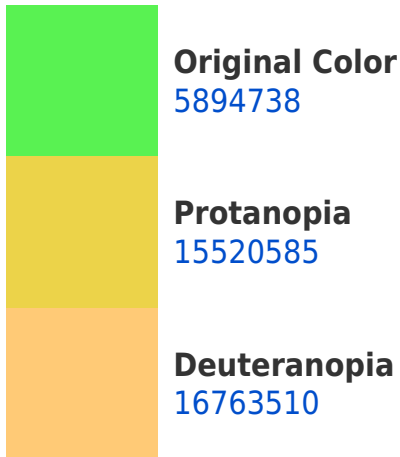


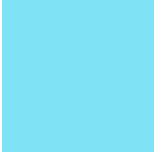
This preview shows how white text looks on a background with the Decimal color 5894738.

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](#).

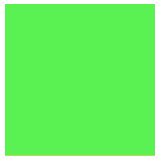
Dichromacy





Tritanopia
8446709

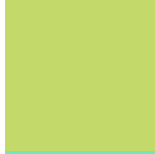
Trichromacy



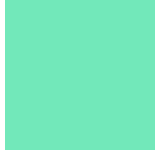
Original Color
5894738



Protanomaly
12049996



Deuteranomaly
12835177

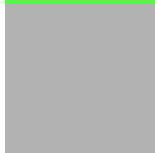


Tritanomaly
7530682

Monochromacy



Original Color
5894738



Achromatopsia
11711154



Achromatomaly
9619855

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5894738 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 #59F252 looks like.

```
.text, #text, p{  
    color:#59F252  
}
```

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 #59F252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59F252
}
```

Border

The CSS property to change the border of an element to Decimal 5894738 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
#59F252 }
```

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

```
.border{ border-color:#59F252 }
```

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

Here you see how a box with a 4 pixel #59F252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59F252; -webkit-box-shadow:4px 4px  
4px 4px #59F252; box-shadow:4px 4px 4px  
4px #59F252 }
```

Background

The CSS property to change the background color of an element to Decimal 5894738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59F252 }
```

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

```
.background{ background-color:#59F252 }
```

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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