

Converting Colors

Decimal(5963569)

Have a look what the booklet for
Decimal(5963569) contains.

Decimal(5963569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5963569)

Conversions

Conversions Part 1

Format	Color
Hex	5AFF31
RGB	90, 255, 49
RGB Percent	35%, 100%, 19%
CMY	0.6471, 0.0000, 0.8078
CMYK	0.65, 0.00, 0.81, 0.00
HSL	108°, 100%, 60%
HSV	108°, 81%, 100%
XYZ	40.5308, 73.9154, 15.0366
YIQ	182.1810, -32.2140, -99.0460

Conversions

Conversions Part 2

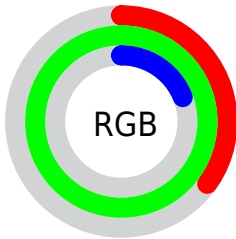
Format	Color
RYB	49, 255, 214
Decimal	5963569
CIELab	88.88, -75.74, 77.45
CIELCh	89, 108.328, 134.357
Yxy	73.9154, 0.3130, 0.5709
Android (android.graphics.Color)	4284153649 (0xFF5AFF31)
YUV	182.1810, -65.6582, -80.8427
Hunter-Lab	85.9741, -66.3042, 49.8122

Details

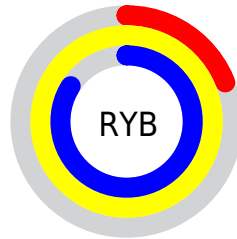
The Decimal color **5963569** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **14037503**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10420081**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **4652824**, and if you desaturate by 10%, it is **7274315**.

Distribution



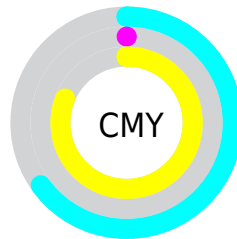
- Red (35%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (84%)



- Cyan (65%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5963569 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 5963569 by changing the saturation by 10% instead.

 5963569

 5963569

16777215

 3072512

 10420081

 50432

 12517262

 43264

 14614443

 36096

 16711625

 29184

 16777191

 22528

 16128

 9472

 0

■ 5963569

■ 5963569

■ 4652824

■ 7274315

■ 3407616

■ 8650596

■ 9961342

■ 11337623

■ 12648369

■ 14024650

■ 15335396

■ 16646141

■ 16777215

Harmonies

Analogous

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



14608896



5963569



65443

Triad

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



5963569



64511



16737970

Complementary

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



5963569



14037503

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.



16741375



5963569



56319

Square

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



5963569



65535



16755455



16749903

Rectangle

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



5963569



65516



16755455



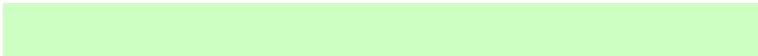
16736981

Sweetspot

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



5963569



13565890



16766513



6455387



0



8421504

Same Dimension

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



5963569



3800840



3276655



7700595



2539264



868352

Inverse Universe

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



14037503



13502719



16724417



8221568



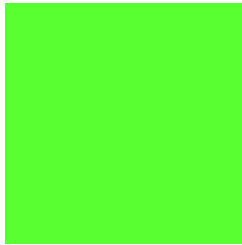
10027199



3342400

Previews

White Background



This preview shows how the Decimal color 5963569 looks on a white background.

Color Contrast Check

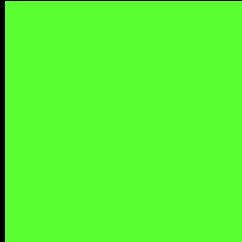
Large Text (above 18pt) WCAG AA × Fail

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 5963569 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

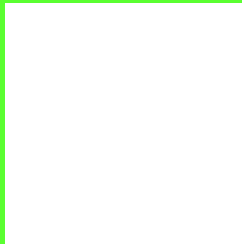
Any Text WCAG AAA ✓ Pass

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

Decimal 5963569 Background



This preview shows how black text looks on a background with the Decimal color 5963569.

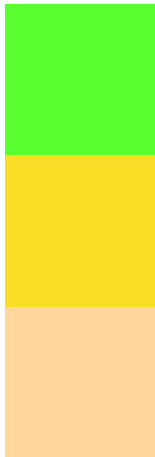


This preview shows how white text looks on a background with the Decimal color 5963569.

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](#).

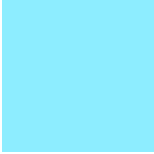
Dichromacy



Original Color
5963569

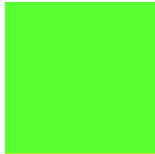
Protanopia
16375336

Deuteranopia
16766877



Tritanopia
9301503

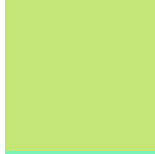
Trichromacy



Original Color
5963569



Protanomaly
12577323

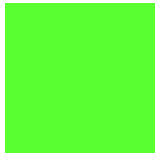


Deuteranomaly
12838518

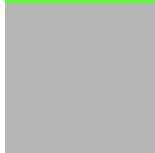


Tritanomaly
8058036

Monochromacy



Original Color
5963569



Achromatopsia
11974326



Achromatomaly
9818502

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5963569 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 #5AFF31 looks like.

```
.text, #text, p{  
    color:#5AFF31  
}
```

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 #5AFF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AFF31
}
```

Border

The CSS property to change the border of an element to Decimal 5963569 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
#5AFF31 }
```

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

```
.border{ border-color:#5AFF31 }
```

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

Here you see how a box with a 4 pixel #5AFF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AFF31; -webkit-box-shadow:4px 4px  
4px 4px #5AFF31; box-shadow:4px 4px 4px  
4px #5AFF31 }
```

Background

The CSS property to change the background color of an element to Decimal 5963569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AFF31 }
```

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

```
.background{ background-color:#5AFF31 }
```

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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