

Converting Colors

Decimal(5635889)

Have a look what the booklet for
Decimal(5635889) contains.

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Color

Decimal(5635889)

Conversions

Conversions Part 1

Format	Color
Hex	55FF31
RGB	85, 255, 49
RGB Percent	33%, 100%, 19%
CMY	0.6667, 0.0000, 0.8078
CMYK	0.67, 0.00, 0.81, 0.00
HSL	110°, 100%, 60%
HSV	110°, 81%, 100%
XYZ	40.0607, 73.6730, 15.0146
YIQ	180.6860, -35.1940, -100.1060

Conversions

Conversions Part 2

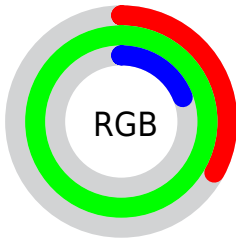
Format	Color
RYB	49, 255, 219
Decimal	5635889
CIELab	88.77, -76.70, 77.31
CIELCh	89, 108.901, 134.775
Yxy	73.6730, 0.3112, 0.5722
Android (android.graphics.Color)	4283825969 (0xFF55FF31)
YUV	180.6860, -64.9212, -83.9166
Hunter-Lab	85.8330, -66.8968, 49.7116

Details

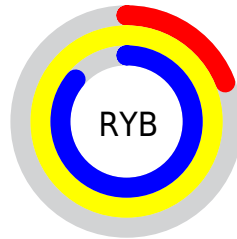
The Decimal color **5635889** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **14365183**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10157937**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **4259608**, and if you desaturate by 10%, it is **7012171**.

Distribution



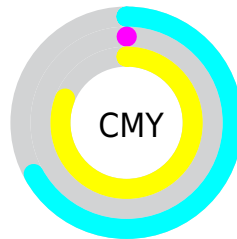
- Red (33%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (86%)



- Cyan (67%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5635889 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 5635889 by changing the saturation by 10% instead.

5635889

5635889

16777215

2482688

10157937

50432

12320654

43008

14352299

36096

16449481

29184

16777190

22272

16128

9472

0

■ 5635889

■ 5635889

■ 4259608

■ 7012171

■ 3014400

■ 8388452

■ 9764734

■ 11141015

■ 12517297

■ 13893578

■ 15269860

■ 16646141

16777215

Harmonies

Analogous

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



14477824



5635889



65444

Triad

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



5635889



64255



16737712

Complementary

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



5635889



14365183

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.



16740607



5635889



56063

Square

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



5635889



65535



16754943



16749901

Rectangle

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



5635889



65517



16754943



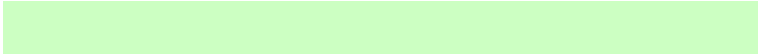
16736467

Sweetspot

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



5635889



13434818



16767281



6389851



0



8421504

Same Dimension

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



5635889



3407624



3276658



7700595



2211584



737280

Inverse Universe

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



14365183



13895935



16724414



8221568



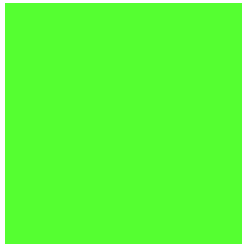
10354879



3473472

Previews

White Background



This preview shows how the Decimal color 5635889 looks on a white background.

Color Contrast Check

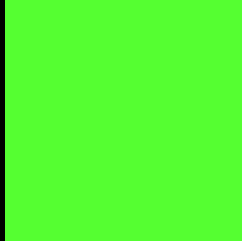
Large Text (above 18pt) WCAG AA × Fail

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 5635889 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

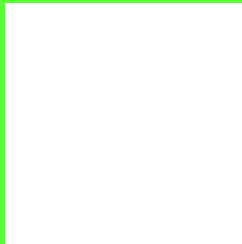
Any Text WCAG AAA ✓ Pass

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

Decimal 5635889 Background



This preview shows how black text looks on a background with the Decimal color 5635889.

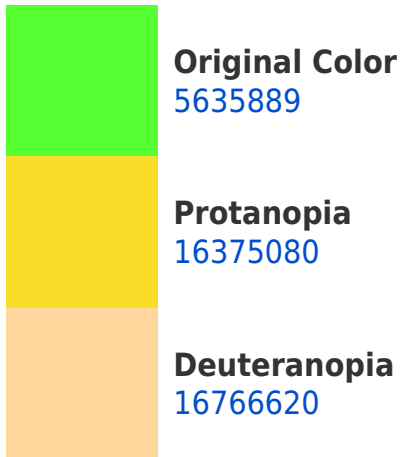


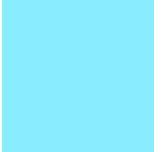
This preview shows how white text looks on a background with the Decimal color 5635889.

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](#).

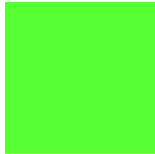
Dichromacy





Tritanopia
9104895

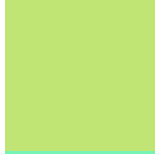
Trichromacy



Original Color
5635889



Protanomaly
12445995

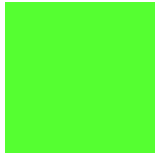


Deuteranomaly
12707189



Tritanomaly
7861428

Monochromacy



Original Color
5635889



Achromatopsia
11908533



Achromatomaly
9621637

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5635889 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 #55FF31 looks like.

```
.text, #text, p{  
  color:#55FF31  
}
```

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 #55FF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55FF31
}
```

Border

The CSS property to change the border of an element to Decimal 5635889 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
#55FF31 }
```

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

```
.border{ border-color:#55FF31 }
```

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

Here you see how a box with a 4 pixel #55FF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55FF31; -webkit-box-shadow:4px 4px  
4px 4px #55FF31; box-shadow:4px 4px 4px  
4px #55FF31 }
```

Background

The CSS property to change the background color of an element to Decimal 5635889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55FF31 }
```

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

```
.background{ background-color:#55FF31 }
```

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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