

Converting Colors

Decimal(5630549)

Have a look what the booklet for
Decimal(5630549) contains.

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Color

Decimal(5630549)

Conversions

Conversions Part 1

Format	Color
Hex	55EA55
RGB	85, 234, 85
RGB Percent	33%, 92%, 33%
CMY	0.6667, 0.0824, 0.6667
CMYK	0.64, 0.00, 0.64, 0.08
HSL	120°, 78%, 63%
HSV	120°, 64%, 92%
XYZ	34.8088, 61.4328, 18.6174
YIQ	172.4630, -40.9750, -77.9270

Conversions

Conversions Part 2

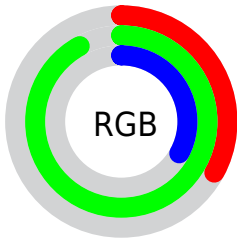
Format	Color
RYB	85, 234, 234
Decimal	5630549
CIELab	82.61, -67.32, 59.01
CIELCh	83, 89.522, 138.762
Yxy	61.4328, 0.3031, 0.5349
Android (android.graphics.Color)	4283820629 (0xFF55EA55)
YUV	172.4630, -43.1193, -76.7051
Hunter-Lab	78.3791, -57.8900, 40.7822

Details

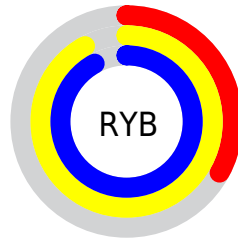
The Decimal color **5630549** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **15357418**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9895820**, and **45337** is the 20% darker color. If you saturate the color by 10%, you get **4123198**, and if you desaturate by 10%, it is **7137900**.

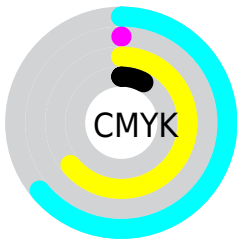
Distribution



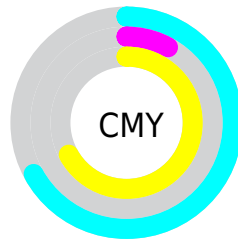
- Red (33%)
- Green (92%)
- Blue (33%)



- Red (33%)
- Yellow (92%)
- Blue (92%)



- Cyan (64%)
- Magenta (0%)
- Yellow (64%)
- Black (8%)



- Cyan (67%)
- Magenta (8%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5630549 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 5630549 by changing the saturation by 10% instead.

5630549

5630549

16777215

3001657

9895820

45337

11927464

38144

13893572

31232

15925217

24576

17920

12032

4352

0

■ 5630549

■ 5630549

■ 4123198

■ 7137900

■ 2550310

■ 8710788

■ 1042959

■ 10218139

■ 59904

■ 11791027

■ 13298378

■ 14805729

■ 16378617

■ 16771839

Harmonies

Analogous

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



12835072



5630549



62122

Triad

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



5630549



57855



16742813

Complementary

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



5630549



15357418

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.



16743153



5630549



8832511

Square

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



5630549



61439



16752383



16751183

Rectangle

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



5630549



62693



16752383



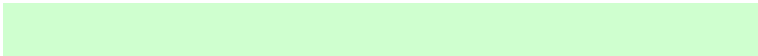
16741816

Sweetspot

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



5630549



13631439



15395413



6455394



0



8421504

Same Dimension

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



5630549



4063037



5630624



6976874



46336



13824

Inverse Universe

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



15357418



16727551



15357344



7694965



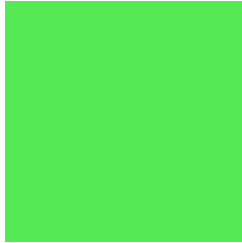
11862197



3538998

Previews

White Background



This preview shows how the Decimal color 5630549 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 5630549 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

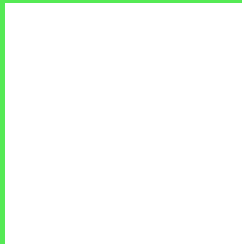
Any Text WCAG AAA ✓ Pass

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

Decimal 5630549 Background



This preview shows how black text looks on a background with the Decimal color 5630549.

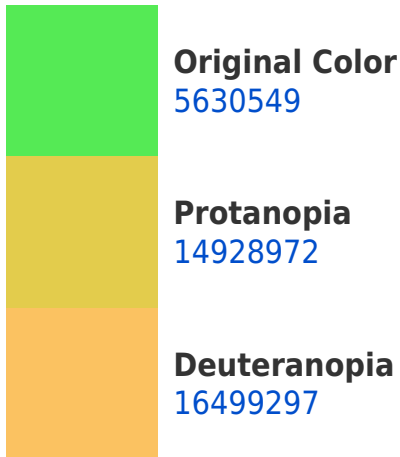



This preview shows how white text looks on a background with the Decimal color 5630549.

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](#).

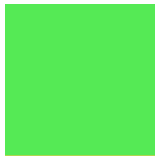
Dichromacy





Tritanopia
8117229

Trichromacy



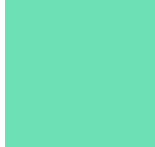
Original Color
5630549



Protanomaly
11523919



Deuteranomaly
12570973



Tritanomaly
7200950

Monochromacy



Original Color
5630549



Achromatopsia
11316396



Achromatomaly
9225100

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5630549 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 #55EA55 looks like.

```
.text, #text, p{  
    color:#55EA55  
}
```

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 #55EA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55EA55
}
```

Border

The CSS property to change the border of an element to Decimal 5630549 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
#55EA55 }
```

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

```
.border{ border-color:#55EA55 }
```

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

Here you see how a box with a 4 pixel #55EA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55EA55; -webkit-box-shadow:4px 4px  
4px 4px #55EA55; box-shadow:4px 4px 4px  
4px #55EA55 }
```

Background

The CSS property to change the background color of an element to Decimal 5630549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55EA55 }
```

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

```
.background{ background-color:#55EA55 }
```

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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