

Converting Colors

Decimal(5549312)

Have a look what the booklet for
Decimal(5549312) contains.

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Color

Decimal(5549312)

Conversions

Conversions Part 1

Format	Color
Hex	54AD00
RGB	84, 173, 0
RGB Percent	33%, 68%, 0%
CMY	0.6706, 0.3216, 1.0000
CMYK	0.51, 0.00, 1.00, 0.32
HSL	91°, 100%, 34%
HSV	91°, 100%, 68%
XYZ	18.5997, 31.7720, 5.1523
YIQ	126.6670, 2.4890, -72.6710

Conversions

Conversions Part 2

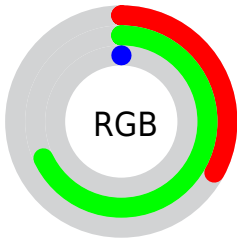
Format	Color
RYB	0, 173, 89
Decimal	5549312
CIELab	63.15, -50.89, 64.13
CIELCh	63, 81.874, 128.435
Yxy	31.7720, 0.3350, 0.5722
Android (android.graphics.Color)	4283739392 (0xFF54AD00)
YUV	126.6670, -62.4468, -37.4190
Hunter-Lab	56.3666, -39.7406, 34.0371

Details

The Decimal color **5549312** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5832877**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9364811**, and **489472** is the 20% darker color. If you saturate the color by 10%, you get **5549312**, and if you desaturate by 10%, it is **6139153**.

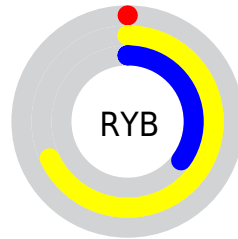
Distribution



Red (33%)

Green (68%)

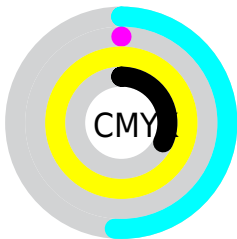
Blue (0%)



Red (0%)

Yellow (68%)

Blue (35%)

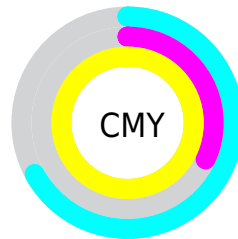


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (67%)


















Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5549312 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 5549312 by changing the saturation by 10% instead.

 5549312	 5549312
16777215	 3510784
 9364811	 489472
 11337575	 24064
 13238147	 17664
 15204255	 12032
 16777147	 4864
 16777176	 0
 16777206	
 5549312	

■ 6139153

■ 6728995

■ 7318836

■ 7908677

■ 8498519

■ 9022824

■ 9612665

■ 10202506

■ 10792348

Harmonies

Analogous

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



10918912



5549312



46688

Triad

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



5549312



45055



16728456

Complementary

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



5549312



5832877

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.



16667600



5549312



39935

Square

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



5549312



47346



11762687



16735553

Rectangle

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



5549312



47251



11762687



16728480

Sweetspot

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



5549312



12509341



11360000



5992520



15790320



7368816

Same Dimension

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



5549312



7200768



44288



5396302



4822528



726784

Inverse Universe

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



5832877



7536864



11337901



5394007



5046422



786455

Previews

White Background



This preview shows how the Decimal color 5549312 looks on a white background.

Color Contrast Check

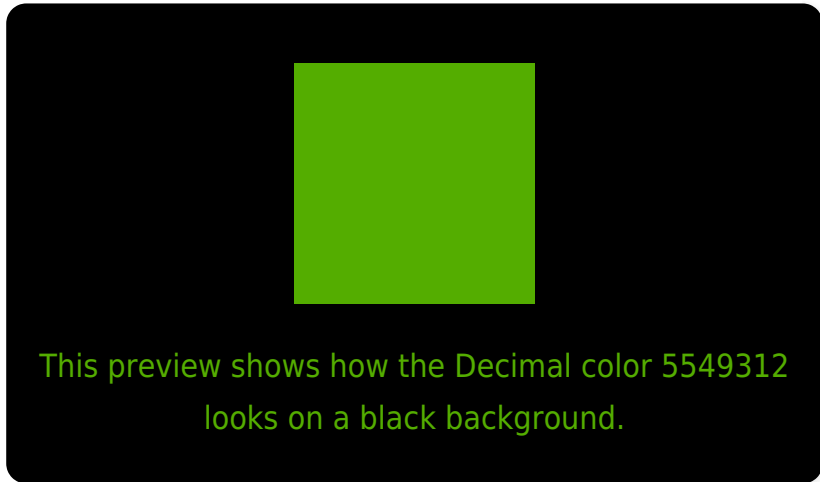
Large Text (above 18pt) WCAG AA × Fail

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 5549312 Background



This preview shows how black text looks on a background with the Decimal color 5549312.

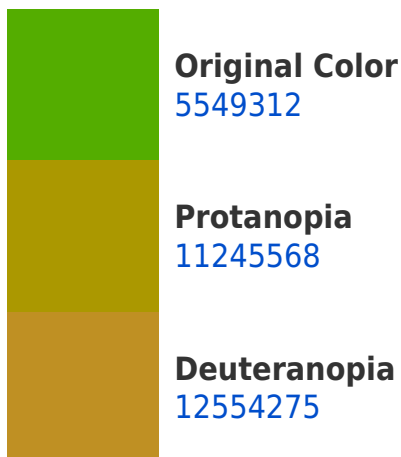



This preview shows how white text looks on a background with the Decimal color 5549312.

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
7119278

Trichromacy



Original Color
5549312



Protanomaly
9150464



Deuteranomaly
10001174



Tritanomaly
6530415

Monochromacy



Original Color
5549312



Achromatopsia
8355711



Achromatomaly
7311441

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5549312 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 #54AD00 looks like.

```
.text, #text, p{  
    color:#54AD00  
}
```

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 #54AD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AD00
}
```

Border

The CSS property to change the border of an element to Decimal 5549312 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".

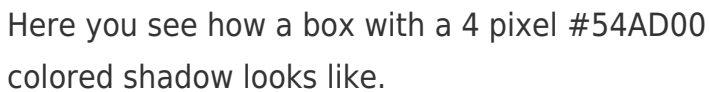
```
.border, #border, table{ border:4px solid
#54AD00 }
```

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

```
.border{ border-color:#54AD00 }
```

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

Here you see how a box with a 4 pixel #54AD00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the green color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AD00; -webkit-box-shadow:4px 4px  
4px 4px #54AD00; box-shadow:4px 4px 4px  
4px #54AD00 }
```

Background

The CSS property to change the background color of an element to Decimal 5549312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AD00 }
```

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

```
.background{ background-color:#54AD00 }
```

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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