

Converting Colors

Android(4283689493)

Have a look what the booklet for
Android(4283689493) contains.

Android(4283689493)	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

Android(4283689493)

Conversions

Conversions Part 1

Format	Color
Hex	53EA15
RGB	83, 234, 21
RGB Percent	33%, 92%, 8%
CMY	0.6745, 0.0824, 0.9176
CMYK	0.65, 0.00, 0.91, 0.08
HSL	103°, 84%, 50%
HSV	103°, 91%, 92%
XYZ	33.1255, 60.7388, 10.6873
YIQ	164.5690, -21.6230, -98.2550

Conversions

Conversions Part 2

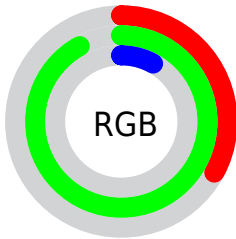
Format	Color
RYB	21, 234, 172
Decimal	5499413
CIELab	82.24, -71.57, 77.12
CIELCh	82, 105.215, 132.864
Yxy	60.7388, 0.3168, 0.5809
Android (android.graphics.Color)	4283689493 (0xFF53EA15)
YUV	164.5690, -70.7795, -71.5360
Hunter-Lab	77.9351, -60.5169, 46.4241

Details

The Android color `4283689493` 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 `4289467882`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288085854`, and `4278235392` is the 20% darker color. If you saturate the color by 10%, you get `4282706432`, and if you desaturate by 10%, it is `4284803628`.

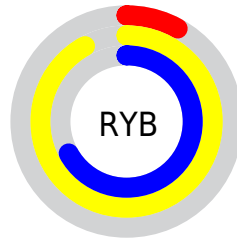
Distribution



Red (33%)

Green (92%)

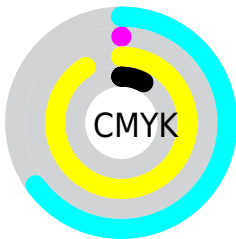
Blue (8%)



Red (8%)

Yellow (92%)

Blue (67%)

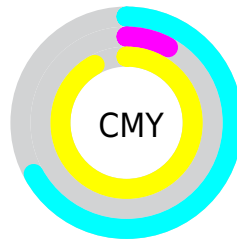


Cyan (65%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (67%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283689493 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 Android color 4283689493 by changing the saturation by 10% instead.



4283689493



4283689493

4294967295



4280798464



4288085854



4278235392



4290183036



4278228224



4292214681



4278221312



4294246326



4278214656



4294967252



4278208000



4294967282



4278201856



4278193920



4278190080

■ 4283689493

■ 4283689493

■ 4282706432

■ 4284803628

■ 4285852228

■ 4286966363

■ 4288014963

■ 4289129098

■ 4290243233

■ 4291291833

■ 4292405968

■ 4293454568

Harmonies

Analogous

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



4291810816



4283689493



4278252686

Triad

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



4283689493



4278249727



4294922919

Complementary

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



4283689493



4289467882

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.



4294927359



4283689493



4278242303

Square

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



4283689493



4278253055



4294941951



4294934855

Rectangle

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



4283689493



4278253524



4294941951



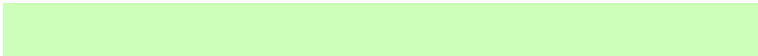
4294921928

Sweetspot

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



4283689493



4291755962



4293569045



4284710999



4278190080



4286611584

Same Dimension

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



4283689493



4283105024



4279626304



4285363562



4281709824



4279252480

Inverse Universe

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



4289467882



4290052351



4293531071



4285688437



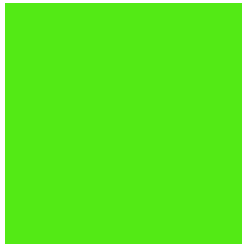
4286578869



4280680502

Previews

White Background



This preview shows how the Android color 4283689493 looks on a white background.

Color Contrast Check

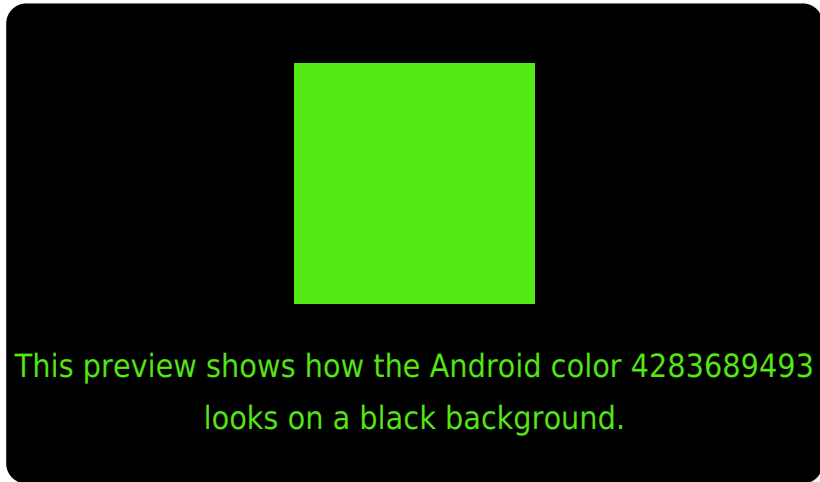
Large Text (above 18pt) WCAG AA × Fail

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

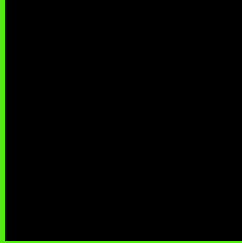
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

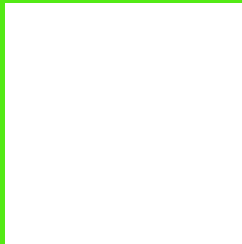
Any Text WCAG AAA ✓ Pass

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

Android 4283689493 Background



This preview shows how black text looks on a background with the Android color 4283689493.



This preview shows how white text looks on a background with the Android color 4283689493.

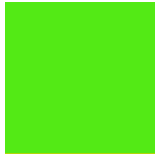
Color Blindness Simulation

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



Trichromacy



Original Color

4283689493



Protanomaly

4289779208



Deuteranomaly

4290826025



Tritanomaly

4285456541

Monochromacy



Original Color

4283689493



Achromatopsia

4289045925



Achromatomaly

4287086193

CSS Examples

Text

The CSS property to change the color of the text to Android 4283689493 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 `rgb(83, 234, 21)` looks like.

```
.text, #text, p{  
    color:rgb(83, 234, 21)  
}
```

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 rgb(83, 234, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 234, 21) }
```

Border

The CSS property to change the border of an element to Android 4283689493 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 rgb(83, 234, 21) }
```

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

```
.border{ border-color:rgb(83, 234, 21) }
```

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

Here you see how a box with a 4 pixel rgb(83, 234, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 234, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 234, 21);  
box-shadow:4px 4px 4px 4px rgb(83, 234,  
21) }
```

Background

The CSS property to change the background color of an element to Android 4283689493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 234, 21) }
```

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

```
.background{ background-color: rgb(83, 234,  
21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor