

Converting Colors

Android(4284151052)

Have a look what the booklet for
Android(4284151052) contains.

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Color

Android(4284151052)

Conversions

Conversions Part 1

Format	Color
Hex	5AF50C
RGB	90, 245, 12
RGB Percent	35%, 96%, 5%
CMY	0.6471, 0.0392, 0.9529
CMYK	0.63, 0.00, 0.95, 0.04
HSL	100°, 92%, 50%
HSV	100°, 95%, 96%
XYZ	36.9352, 67.5050, 11.4309
YIQ	172.0930, -17.5870, -105.3230

Conversions

Conversions Part 2

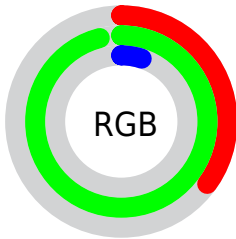
Format	Color
RYB	12, 245, 167
Decimal	5960972
CIELab	85.76, -73.74, 81.10
CIELCh	86, 109.612, 132.281
Yxy	67.5050, 0.3188, 0.5826
Android (android.graphics.Color)	4284151052 (0xFF5AF50C)
YUV	172.0930, -78.9258, -71.9956
Hunter-Lab	82.1614, -63.5388, 49.2641

Details

The Android color `4284151052` is a dark color, and the websafe version is hex `66FF00`. The color can be described as dark saturated green. A complement of this color would be `4289137909`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4288544605`, and `4278237952` is the 20% darker color. If you saturate the color by 10%, you get `4283626752`, and if you desaturate by 10%, it is `4285199652`.

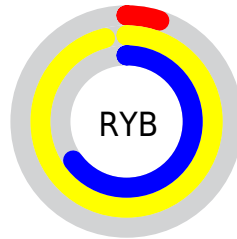
Distribution



Red (35%)

Green (96%)

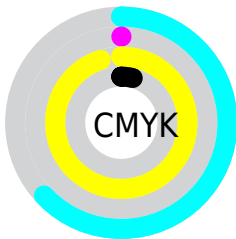
Blue (5%)



Red (5%)

Yellow (96%)

Blue (65%)

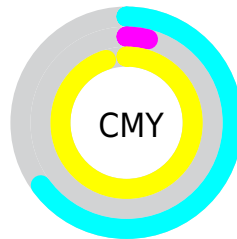


Cyan (63%)

Magenta (0%)

Yellow (95%)

Black (4%)



Cyan (65%)

Magenta (4%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284151052 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 4284151052 by changing the saturation by 10% instead.

 4284151052	 4284151052
4294967295	 4281325568
 4288544605	 4278237952
 4290641788	 4278230784
 4292738969	 4278223872
 4294770615	 4278216960
 4294967253	 4278210304
 4294967283	 4278204160
	 4278197504
	 4278190080

 4284151052

 4284151052

 4283626752

 4285199652


 4286313789

 4287362390

 4288410990

 4289459590

 4290573727

 4291622327

 4292670928

 4293785065

Harmonies

Analogous

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



4292599552



4284151052



4278255507

Triad

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



4284151052



4278252543



4294923441

Complementary

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



4284151052



4289137909

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.



4294928639



4284151052



4278244863

Square

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



4284151052



4278255615



4294943999



4294936140

Rectangle

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



4284151052



4278255580



4294943999



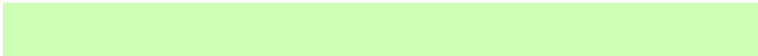
4294922451

Sweetspot

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



4284151052



4291755957



4294288140



4284645459



4278190080



4286611584

Same Dimension

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



4284151052



4283825920



4279039279



4285692526



4282300928



4279515904

Inverse Universe

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



4289137909



4289331455



4294249682



4285951610



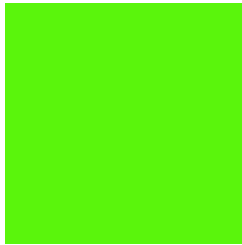
4286316730



4280746043

Previews

White Background



This preview shows how the Android color 4284151052 looks on a white background.

Color Contrast Check

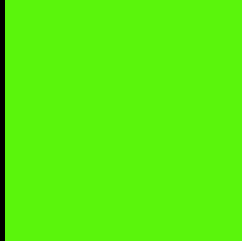
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284151052 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](#).

Android 4284151052 Background



This preview shows how black text looks on a background with the Android color 4284151052.

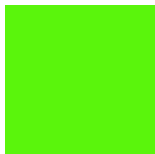


This preview shows how white text looks on a background with the Android color 4284151052.

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](#).

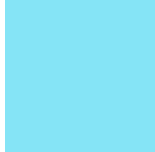
Dichromacy



Original Color
4284151052

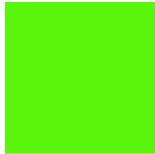


Deuteranopia
4294954103



Tritanopia
4286964982

Trichromacy



Original Color

4284151052



Deuteranomaly

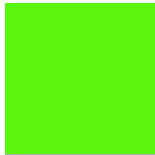
4291025744



Tritanomaly

4285917857

Monochromacy



Original Color

4284151052



Achromatopsia

4289506476



Achromatomaly

4287547250

CSS Examples

Text

The CSS property to change the color of the text to Android 4284151052 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(90, 245, 12)` looks like.

```
.text, #text, p{  
    color:rgb(90, 245, 12)  
}
```

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(90, 245, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 245, 12) }
```

Border

The CSS property to change the border of an element to Android 4284151052 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(90, 245, 12) }
```

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

```
.border{ border-color:rgb(90, 245, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 245, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 245, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 245, 12);  
box-shadow:4px 4px 4px 4px rgb(90, 245,  
12) }
```

Background

The CSS property to change the background color of an element to Android 4284151052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 245, 12) }
```

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

```
.background{ background-color: rgb(90, 245,  
12) }
```

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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