

# Converting Colors

Android(4284151102)

Have a look what the booklet for  
Android(4284151102) contains.

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# **Color**

**Android(4284151102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AF53E
RGB	90, 245, 62
RGB Percent	35%, 96%, 24%
CMY	0.6471, 0.0392, 0.7569
CMYK	0.63, 0.00, 0.75, 0.04
HSL	111°, 90%, 60%
HSV	111°, 75%, 96%
XYZ	37.7384, 67.8263, 15.6602
YIQ	177.7930, -33.6370, -89.7730

# Conversions

## Conversions Part 2

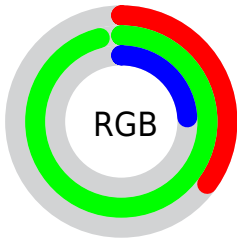
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 245, 217</a>
Decimal	<a href="#">5961022</a>
CIELab	<a href="#">85.92, -71.81, 70.94</a>
CIELCh	<a href="#">86, 100.941, 135.352</a>
Yxy	<a href="#">67.8263, 0.3113, 0.5595</a>
Android (android.graphics.Color)	<a href="#">4284151102 (0xFF5AF53E)</a>
YUV	<a href="#">177.7930, -57.0859, -76.9945</a>
Hunter-Lab	<a href="#">82.3567, -62.3301, 46.3757</a>

# Details

The Android color `4284151102` 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 `4292427509`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4288479097`, and `4278237952` is the 20% darker color. If you saturate the color by 10%, you get `4282774822`, and if you desaturate by 10%, it is `4285527383`.

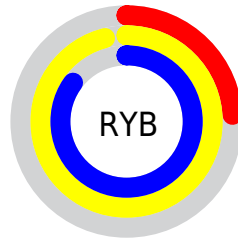
# Distribution



Red (35%)

Green (96%)

Blue (24%)



Red (24%)

Yellow (96%)

Blue (85%)

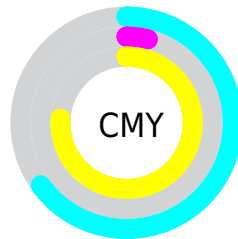


Cyan (63%)

Magenta (0%)

Yellow (75%)

Black (4%)



Cyan (65%)

Magenta (4%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284151102 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 4284151102 by changing the saturation by 10% instead.



 4284151102

 4284151102

4294967295

 4281456665

 4288479097

 4278237952

 4290576278

 4278230784

 4292607922

 4278223872

 4294639568

 4278216960

 4294967277

 4278210304

 4278204416

 4278197504

 4278190080

 4284151102

 4284151102

 4282774822

 4285527383

 4281398541

 4286903663

 4280677632

 4288214408

 4289590688

 4290966969

 4292343249

 4293653994

 4294964735

# Harmonies

## Analogous

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



4292141568



4284151102



4278255523

# Triad

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



4284151102



4278251519



4294929834

# Complementary

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



4284151102



4292427509

# 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.



4294931967



4284151102



4283159295

# Square

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



4284151102



4278255359



4294943999



4294939984

# Rectangle

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



4284151102



4278255590



4294943999



4294928586

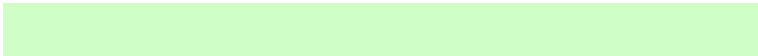


# Sweetspot

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



4284151102



4291821511



4294301502



4284711006



4278190080



4286611584



# Same Dimension

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



4284151102



4282253081



4282316155



4285561454



4280072704



4278795008



# Inverse Universe

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



4292427509



4292614655



4294262456



4286148218



4288544954

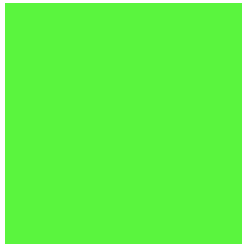


4281466939



# Previews

## White Background



This preview shows how the Android color 4284151102 looks on a white background.

## Color Contrast Check

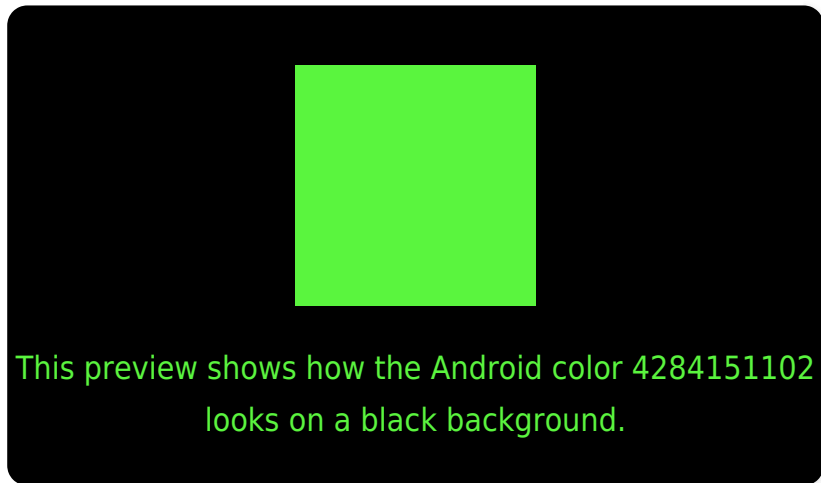
Large Text (above 18pt) WCAG AA × Fail

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 4284151102 Background



This preview shows how black text looks on a background with the Android color 4284151102.

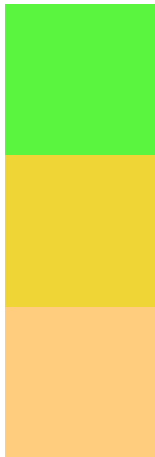


This preview shows how white text looks on a background with the Android color 4284151102.

# 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**  
4284151102

**Protanopia**  
4293907766

**Deuteranopia**  
4294954365



**Tritanopia**  
4286833911

# Trichromacy



**Original Color**

4284151102



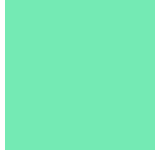
**Protanomaly**

4290371897



**Deuteranomaly**

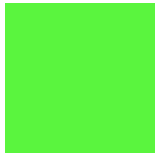
4291026022



**Tritanomaly**

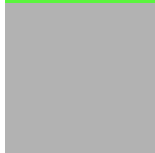
4285852340

# Monochromacy



**Original Color**

4284151102



**Achromatopsia**

4289901234



**Achromatomaly**

4287810184

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284151102 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, 62)` looks like.

```
.text, #text, p{  
    color:rgb(90, 245, 62)  
}
```

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, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 245, 62) }
```

## Border

The CSS property to change the border of an element to Android 4284151102 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, 62) }
```

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

```
.border{ border-color:rgb(90, 245, 62) }
```

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, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 245, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 245, 62);  
box-shadow:4px 4px 4px 4px rgb(90, 245,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4284151102 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, 62) }
```

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

```
.background{ background-color: rgb(90, 245,  
62) }
```

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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