

# Converting Colors

Android(4284281180)

Have a look what the booklet for  
Android(4284281180) contains.

<b>Android(4284281180)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4284281180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CF15C
RGB	92, 241, 92
RGB Percent	36%, 95%, 36%
CMY	0.6392, 0.0549, 0.6392
CMYK	0.62, 0.00, 0.62, 0.05
HSL	120°, 84%, 65%
HSV	120°, 62%, 95%
XYZ	37.8007, 65.9586, 20.8642
YIQ	179.4630, -40.9750, -77.9270

# Conversions

## Conversions Part 2

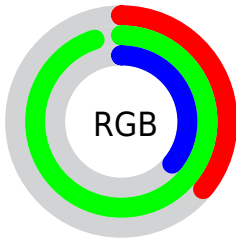
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 241, 241
Decimal	6091100
CIELab	84.98, -67.54, 58.79
CIELCh	85, 89.545, 138.962
Yxy	65.9586, 0.3033, 0.5293
Android (android.graphics.Color)	4284281180 (0xFF5CF15C)
YUV	179.4630, -43.1193, -76.7051
Hunter-Lab	81.2149, -59.0450, 41.6188

# Details

The Android color `4284281180` 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 `4294008049`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4288479123`, and `4278237218` is the 20% darker color. If you saturate the color by 10%, you get `4282708292`, and if you desaturate by 10%, it is `4285854068`.

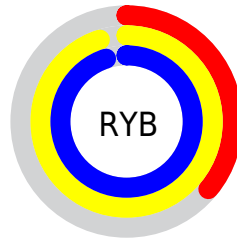
# Distribution



Red (36%)

Green (95%)

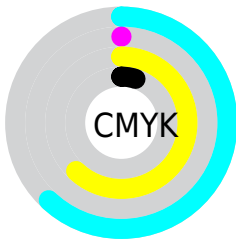
Blue (36%)



Red (36%)

Yellow (95%)

Blue (95%)

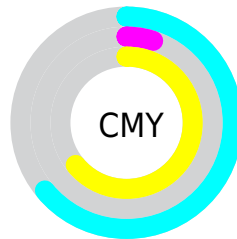


Cyan (62%)

Magenta (0%)

Yellow (62%)

Black (5%)



Cyan (64%)

Magenta (5%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284281180 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 4284281180 by changing the saturation by 10% instead.



 4284281180

 4284281180

4294967295

 4281783360

 4288479123

 4278237218

 4290510767

 4278230016

 4292542412

 4278223104

 4294574057

 4278216192

 4278209536

 4278203648

 4278196736


 4278190080

 4284281180

 4284281180

 4282708292

 4285854068

 4281135404

 4287426956

 4279562516

 4288999844

 4278251776

 4290572732

 4292145620

 4293784045

 4294963711

# Harmonies

## Analogous

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



4291485696



4284281180



4278254001

# Triad

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



4284281180



4278249471



4294934946

# Complementary

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



4284281180



4294008049

# 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.



4294935287



4284281180



4287679487

# Square

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



4284281180



4278253311



4294943999



4294943061

# Rectangle

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



4284281180



4278254572



4294943999



4294933694

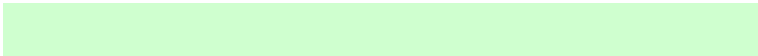


# Sweetspot

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



4284281180



4291821519



4294046044



4284645474



4278190080



4286611584



# Same Dimension

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



4284281180



4282580802



4284281254



4285298796



4278237184



4278204416



# Inverse Universe

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



4294008049



4294918911



4294007974



4286082168



4290248888

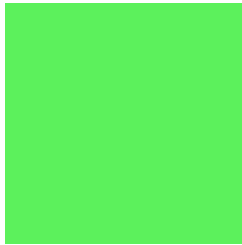


4281860152



# Previews

## White Background



This preview shows how the Android color 4284281180 looks on a white background.

## Color Contrast Check

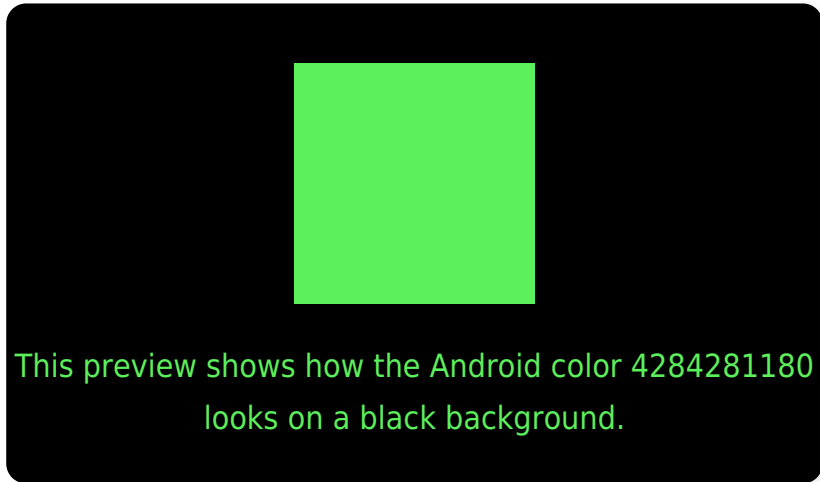
Large Text (above 18pt) WCAG AA × Fail

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 4284281180 Background



This preview shows how black text looks on a background with the Android color 4284281180.

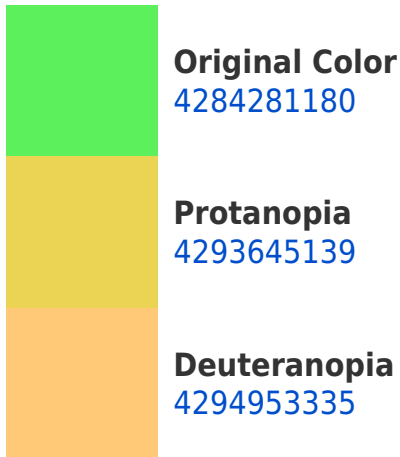


This preview shows how white text looks on a background with the Android color 4284281180.

# 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**

4284281180



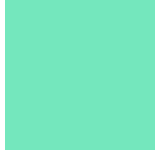
**Protanomaly**

4290240086



**Deuteranomaly**

4291090541



**Tritanomaly**

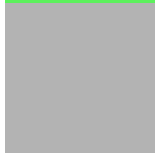
4285851581

# Monochromacy



**Original Color**

4284281180



**Achromatopsia**

4289967027



**Achromatomaly**

4287875731

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284281180 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(92, 241, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 241, 92)  
}
```

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(92, 241, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 241, 92) }
```

## Border

The CSS property to change the border of an element to Android 4284281180 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(92, 241, 92) }
```

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

```
.border{ border-color:rgb(92, 241, 92) }
```

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

Here you see how a box with a 4 pixel rgb(92, 241, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 241, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 241, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 241,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4284281180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 241, 92) }
```

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

```
.background{ background-color: rgb(92, 241,  
92) }
```

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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