

# Converting Colors

Android(4284007012)

Have a look what the booklet for  
Android(4284007012) contains.

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# **Color**

**Android(4284007012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58C264
RGB	88, 194, 100
RGB Percent	35%, 76%, 39%
CMY	0.6549, 0.2392, 0.6078
CMYK	0.55, 0.00, 0.48, 0.24
HSL	127°, 46%, 55%
HSV	127°, 55%, 76%
XYZ	25.6165, 41.5784, 18.7319
YIQ	151.5900, -33.0020, -51.7060

# Conversions

## Conversions Part 2

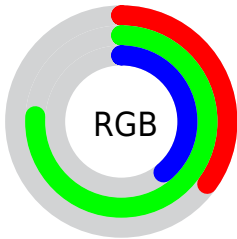
Format	Color
<a href="#">RYB</a>	<a href="#">88, 183, 194</a>
Decimal	<a href="#">5816932</a>
CIELab	<a href="#">70.58, -50.22, 38.04</a>
CIELCh	<a href="#">71, 62.997, 142.854</a>
Yxy	<a href="#">41.5784, 0.2981, 0.4839</a>
Android (android.graphics.Color)	<a href="#">4284007012</a> ( <a href="#">0xFF58C264</a> )
YUV	<a href="#">151.5900, -25.4339, -55.7684</a>
Hunter-Lab	<a href="#">64.4813, -41.9294, 27.9131</a>

# Details

The Android color `4284007012` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290926774`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287822744`, and `4279339826` is the 20% darker color. If you saturate the color by 10%, you get `4282761811`, and if you desaturate by 10%, it is `4285252213`.

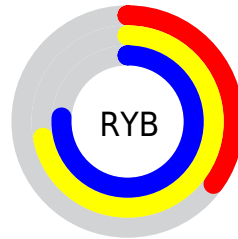
# Distribution



Red (35%)

Green (76%)

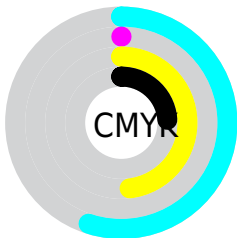
Blue (39%)



Red (35%)

Yellow (72%)

Blue (76%)

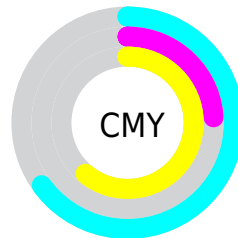


Cyan (55%)

Magenta (0%)

Yellow (48%)

Black (24%)



Cyan (65%)

Magenta (24%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284007012 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 4284007012 by changing the saturation by 10% instead.





4284007012



4284007012

4294967295



4281968203



4287822744



4279339826



4289658804



4278219033



4291624912



4278212608



4293525484



4278206208



4278200576



4278191104



4278190080



4284007012



4284007012

 4282761811

 4285252213

 4281451074

 4286562950

 4280205872

 4287808152

 4278895135

 4289118889

 4278239766

 4290364090

 4291609291

 4292920028

 4294165230

 4294951679

# Harmonies

## Analogous

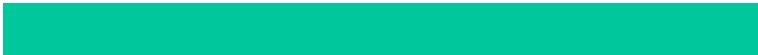
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288788282



4284007012



4278241437

# Triad

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



4284007012



4278237183



4294933635

# Complementary

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



4284007012



4290926774

# 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.



4294932925



4284007012



4288062463

# Square

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



4284007012



4278240255



4293233651



4294938450

# Rectangle

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



4284007012



4278241732



4293233651



4294932630

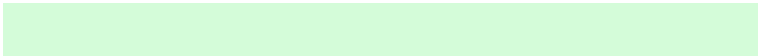


# Sweetspot

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



4284007012



4292148441



4290232920



4284973162



4278190080



4286611584



# Same Dimension

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



4284007012



4283890793



4284007064



4283916632



4278231314



4278198532



# Inverse Universe

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



4290926774



4294727402



4290926722



4284569440



4288741518



4280352797



# Previews

## White Background



This preview shows how the Android color 4284007012 looks on a white background.

## Color Contrast Check

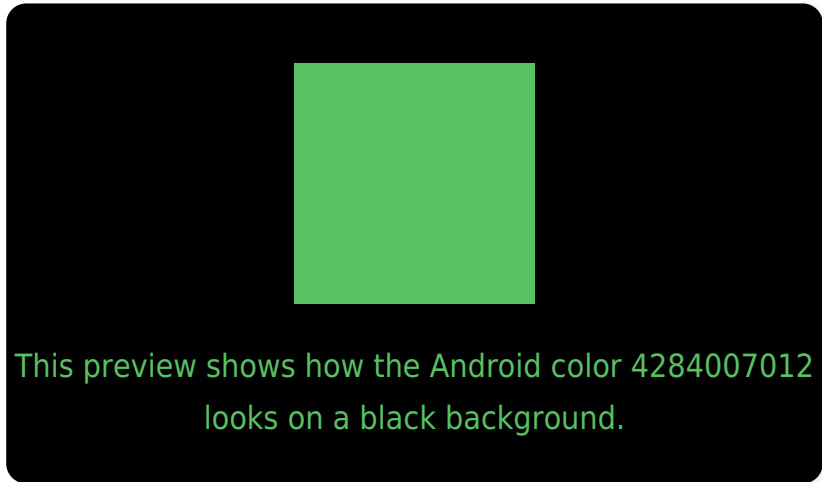
Large Text (above 18pt) WCAG AA × Fail

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 4284007012 Background



This preview shows how black text looks on a background with the Android color 4284007012.



This preview shows how white text looks on a background with the Android color 4284007012.

# 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**

4284007012



**Protanomaly**

4288197727



**Deuteranomaly**

4288982888



**Tritanomaly**

4284988322

# Monochromacy



**Original Color**

4284007012



**Achromatopsia**

4288190616



**Achromatomaly**

4286687109

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284007012 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(88, 194, 100)` looks like.

```
.text, #text, p{  
    color:rgb(88, 194, 100)  
}
```

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(88, 194, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 194, 100) }
```

## Border

The CSS property to change the border of an element to Android 4284007012 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(88, 194, 100) }
```

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

```
.border{ border-color:rgb(88, 194, 100) }
```

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

Here you see how a box with a 4 pixel rgb(88, 194, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 194, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 194, 100);  
box-shadow:4px 4px 4px 4px rgb(88, 194,  
100) }
```

# Background

The CSS property to change the background color of an element to Android 4284007012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 194, 100) }
```

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

```
.background{ background-color: rgb(88, 194,  
100) }
```

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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