

# Converting Colors

Android(4283679596)

Have a look what the booklet for  
Android(4283679596) contains.

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# **Color**

**Android(4283679596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53C36C
RGB	83, 195, 108
RGB Percent	33%, 76%, 42%
CMY	0.6745, 0.2353, 0.5765
CMYK	0.57, 0.00, 0.45, 0.24
HSL	133°, 48%, 55%
HSV	133°, 57%, 76%
XYZ	25.7892, 41.9519, 20.9257
YIQ	151.5940, -38.8250, -50.8010

# Conversions

## Conversions Part 2

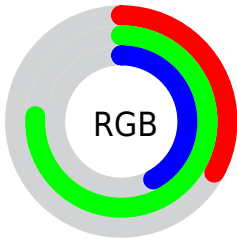
Format	Color
<a href="#">RYB</a>	<a href="#">83, 175, 195</a>
Decimal	<a href="#">5489516</a>
CIELab	<a href="#">70.84, -50.61, 34.30</a>
CIELCh	<a href="#">71, 61.136, 145.868</a>
Yxy	<a href="#">41.9519, 0.2909, 0.4731</a>
Android (android.graphics.Color)	<a href="#">4283679596 (0xFF53C36C)</a>
YUV	<a href="#">151.5940, -21.4918, -60.1569</a>
Hunter-Lab	<a href="#">64.7703, -42.2759, 26.1841</a>

# Details

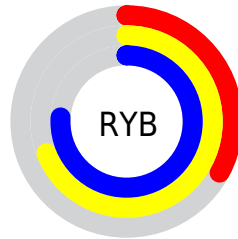
The Android color `4283679596` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290991018`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287495329`, and `4278225978` is the 20% darker color. If you saturate the color by 10%, you get `4282434397`, and if you desaturate by 10%, it is `4284990331`.

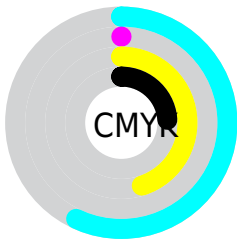
# Distribution



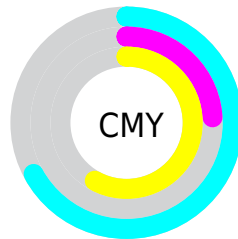
- Red (33%)
- Green (76%)
- Blue (42%)



- Red (33%)
- Yellow (69%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283679596 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 4283679596 by changing the saturation by 10% instead.



 4283679596

 4283679596

4294967295

 4281575251

 4287495329

 4278225978

 4289396668

 4278219298

 4291297240

 4278212616

 4293263349

 4278206464

 4278200832

 4278191616


 4278190080

 4283679596

 4283679596

 4282434397

 4284990331

 4281123662

 4286235530

 4279812927

 4287546265

 4278567727

 4288791465

 4278240044

 4290102200

 4291347399

 4292592598

 4293903333

 4294951924

# Harmonies

## Analogous

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



4288461122



4283679596



4278241444

# Triad

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



4283679596



4278236927



4294934656

# Complementary

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



4283679596



4290991018

# 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.



4294933687



4283679596



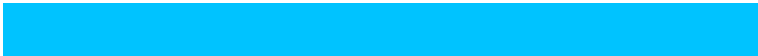
4288848639

# Square

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



4283679596



4278240255



4293561325



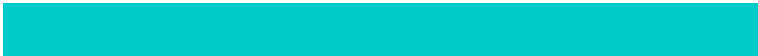
4294742866

# Rectangle

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



4283679596



4278241738



4293561325



4294933650

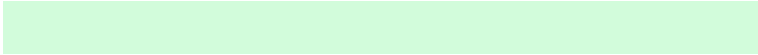


# Sweetspot

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



4283679596



4292017371



4289446739



4284907628



4278190080



4286611584



# Same Dimension

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



4283679596



4283366517



4283679651



4283916633



4278231332



4278198535



# Inverse Universe

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



4290991018



4294725334



4290990963



4284569439



4288741501



4280352794



# Previews

## White Background



This preview shows how the Android color 4283679596 looks on a white background.

## Color Contrast Check

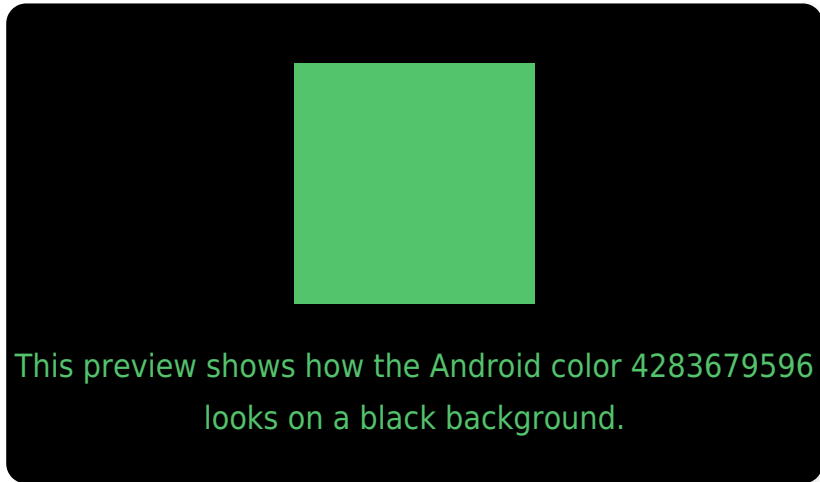
Large Text (above 18pt) WCAG AA × Fail

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 4283679596 Background



This preview shows how black text looks on a background with the Android color 4283679596.



This preview shows how white text looks on a background with the Android color 4283679596.

# 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



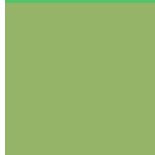


# Trichromacy



**Original Color**

4283679596



**Protanomaly**

4288066663



**Deuteranomaly**

4288786544



**Tritanomaly**

4284661158

# Monochromacy



**Original Color**

4283679596



**Achromatopsia**

4288190616



**Achromatomaly**

4286556296

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283679596 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, 195, 108)` looks like.

```
.text, #text, p{  
    color:rgb(83, 195, 108)  
}
```

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, 195, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 195, 108) }
```

## Border

The CSS property to change the border of an element to Android 4283679596 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, 195, 108) }
```

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

```
.border{ border-color:rgb(83, 195, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 195, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 195, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 195, 108);  
box-shadow:4px 4px 4px 4px rgb(83, 195,  
108) }
```

# Background

The CSS property to change the background color of an element to Android 4283679596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 195, 108) }
```

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

```
.background{ background-color: rgb(83, 195,  
108) }
```

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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