

# Converting Colors

Android(4283744595)

Have a look what the booklet for  
Android(4283744595) contains.

<b>Android(4283744595)</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(4283744595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54C153
RGB	84, 193, 83
RGB Percent	33%, 76%, 33%
CMY	0.6706, 0.2431, 0.6745
CMYK	0.56, 0.00, 0.57, 0.24
HSL	119°, 47%, 54%
HSV	119°, 57%, 76%
XYZ	24.2875, 40.6493, 14.7496
YIQ	147.8690, -29.6540, -57.3180

# Conversions

## Conversions Part 2

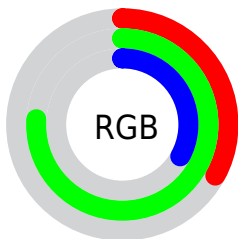
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 193, 192
Decimal	5554515
CIELab	69.93, -53.10, 45.44
CIELCh	70, 69.887, 139.446
Yxy	40.6493, 0.3048, 0.5101
Android (android.graphics.Color)	4283744595 (0xFF54C153)
YUV	147.8690, -31.9804, -56.0131
Hunter-Lab	63.7568, -43.5767, 30.9135

# Details

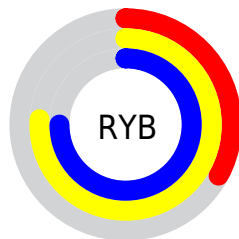
The Android color `4283744595` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted green. A complement of this color would be `4290794433`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287625863`, and `4278290975` is the 20% darker color. If you saturate the color by 10%, you get `4282499392`, and if you desaturate by 10%, it is `4284989798`.

# Distribution



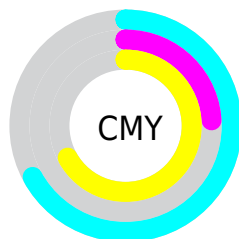
- Red (33%)
- Green (76%)
- Blue (33%)



- Red (33%)
- Yellow (76%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (57%)
- Black (24%)



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

# Brightness & Saturation Gradients

These gradients show how the Android color 4283744595 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 4283744595 by changing the saturation by 10% instead.





4283744595



4283744595

4294967295



4281640249



4287625863



4278290975



4289527715



4278218752



4291428286



4278212352



4293394395



4278205952



4294967288



4278200320



4278190080



4283744595




4283744595



4282499392



4284989798

 4281254188

 4286235002

 4280008985


 4287480205

 4278763782

 4288725408

 4278370560

 4290036147

 4291281351

 4292526554

 4293771757

 4294951423

# Harmonies

## Analogous

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



4288918561



4283744595



4278241170

# Triad

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



4283744595



4278237695



4294930564

# Complementary

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



4283744595



4290794433

# 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.



4294930628



4283744595



4286555135

# Square

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



4283744595



4278240767



4292970494



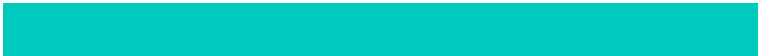
4294936139

# Rectangle

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



4283744595



4278241726



4292970494



4294929817

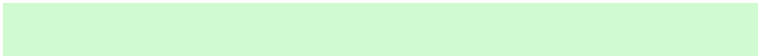


# Sweetspot

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



4283744595



4291885775



4290887507



4284775780



4294769916



4286414205



# Same Dimension

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



4283744595



4283628112



4283679112



4283916631



4278296832



4278198528



# Inverse Universe

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



4290794433



4294463738



4290859916



4284569441



4288610465



4280352801



# Previews

## White Background



This preview shows how the Android color 4283744595 looks on a white background.

## Color Contrast Check

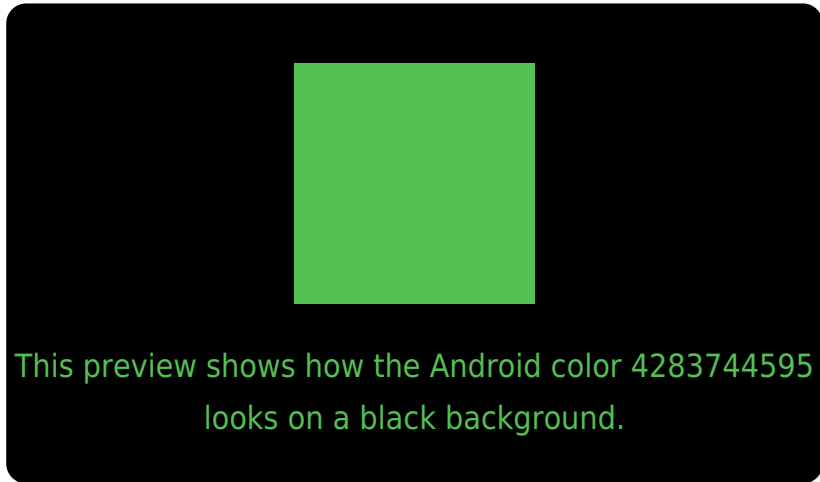
Large Text (above 18pt) WCAG AA × Fail

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

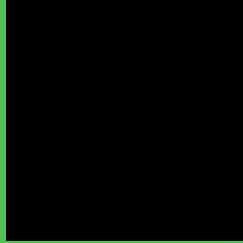
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283744595 Background



This preview shows how black text looks on a background with the Android color 4283744595.



This preview shows how white text looks on a background with the Android color 4283744595.

# 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**

4283744595



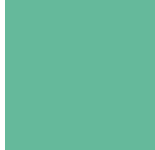
**Protanomaly**

4288066127



**Deuteranomaly**

4288916825



**Tritanomaly**

4284856731

# Monochromacy



**Original Color**

4283744595



**Achromatopsia**

4287927444



**Achromatomaly**

4286424188

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283744595 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(84, 193, 83)` looks like.

```
.text, #text, p{  
    color:rgb(84, 193, 83)  
}
```

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(84, 193, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 193, 83) }
```

## Border

The CSS property to change the border of an element to Android 4283744595 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(84, 193, 83) }
```

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

```
.border{ border-color:rgb(84, 193, 83) }
```

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

Here you see how a box with a 4 pixel rgb(84, 193, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 193, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 193, 83);  
box-shadow:4px 4px 4px 4px rgb(84, 193,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4283744595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 193, 83) }
```

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

```
.background{ background-color: rgb(84, 193,  
83) }
```

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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