

# Converting Colors

Android(4283801180)

Have a look what the booklet for  
Android(4283801180) contains.

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# Color

**Android(4283801180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	559E5C
RGB	85, 158, 92
RGB Percent	33%, 62%, 36%
CMY	0.6667, 0.3804, 0.6392
CMYK	0.46, 0.00, 0.42, 0.38
HSL	126°, 30%, 48%
HSV	126°, 46%, 62%
XYZ	17.9049, 27.1577, 14.4235
YIQ	128.6490, -22.3220, -36.0020

# Conversions

## Conversions Part 2

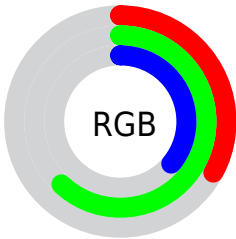
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 152, 158
Decimal	5611100
CIELab	59.12, -37.17, 27.56
CIELCh	59, 46.273, 143.439
Yxy	27.1577, 0.3010, 0.4565
Android (android.graphics.Color)	4283801180 (0xFF559E5C)
YUV	128.6490, -18.0680, -38.2802
Hunter-Lab	52.1131, -29.8691, 20.0693

# Details

The Android color `4283801180` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288566679`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4287354255`, and `4280117804` is the 20% darker color. If you saturate the color by 10%, you get `4282752590`, and if you desaturate by 10%, it is `4284849770`.

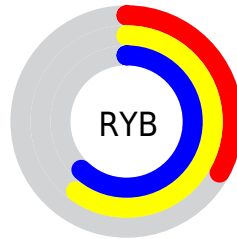
# Distribution



Red (33%)

Green (62%)

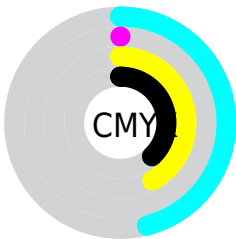
Blue (36%)



Red (33%)

Yellow (60%)

Blue (62%)

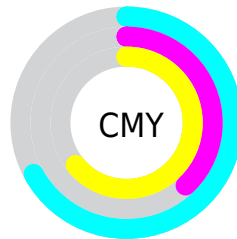


Cyan (46%)

Magenta (0%)

Yellow (42%)

Black (38%)



Cyan (67%)

Magenta (38%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283801180 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 4283801180 by changing the saturation by 10% instead.





4283801180



4283801180

4294967295



4282025028



4287354255



4280117804



4289131178



4278210838



4290969541



4278204672



4292870113



4278199552



4294770686



4278190080



4283801180



4283801180



4282752590



4284849770



4281703999



4285898361

 4280720945

 4286881415

 4279672355

 4287930005

 4278623765

 4288978595

 4278230543

 4290027186

 4291075776

 4292058830

 4293107421

# Harmonies

## Analogous

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



4287010368



4283801180



4278231684

# Triad

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



4283801180



4280128991



4292505200

# Complementary

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



4283801180



4288566679

# 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.



4292177049



4283801180



4286744537

# Square

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



4283801180



4278230735



4290279359



4291525198

# Rectangle

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



4283801180



4278231968



4290279359



4292570237



# Sweetspot

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



4283801180



4289908660



4288192085



4283918680



4293454056



4285098345



# Same Dimension

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



4283801180



4284338024



4283801216



4282863432



4278226702



4278193921



# Inverse Universe

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



4288566679



4291780036



4288566643



4283385678



4287561857



4279173134



# Previews

## White Background



This preview shows how the Android color 4283801180 looks on a white background.

## Color Contrast Check

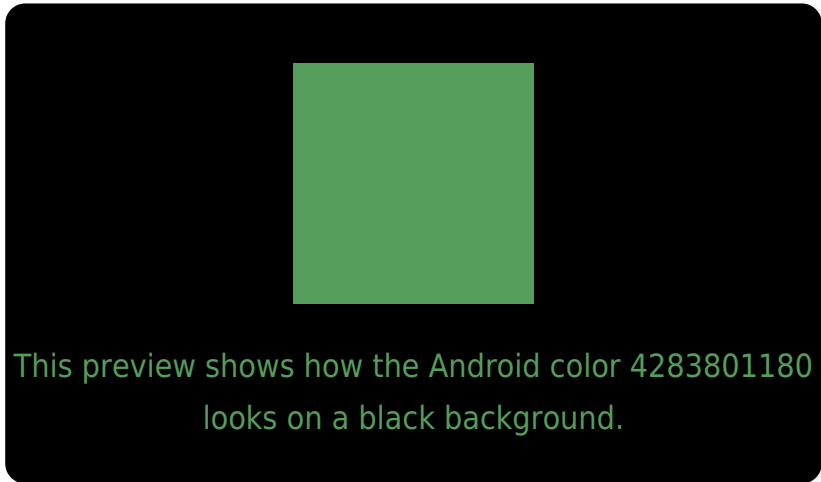
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4283801180 Background



This preview shows how black text looks on a background with the Android color 4283801180.



This preview shows how white text looks on a background with the Android color 4283801180.

# 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**  
4283801180

**Protanomaly**  
4286747736

**Deuteranomaly**  
4287270751

**Tritanomaly**  
4284455305

# Monochromacy



**Original Color**  
4283801180

**Achromatopsia**  
4286677377

**Achromatomaly**  
4285631604

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283801180 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(85, 158, 92)` looks like.

```
.text, #text, p{  
    color:rgb(85, 158, 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(85, 158, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 158, 92) }
```

## Border

The CSS property to change the border of an element to Android 4283801180 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(85, 158, 92) }
```

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

```
.border{ border-color:rgb(85, 158, 92) }
```

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

Here you see how a box with a 4 pixel rgb(85, 158, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 158, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 158, 92);  
box-shadow:4px 4px 4px 4px rgb(85, 158,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4283801180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 158, 92) }
```

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

```
.background{ background-color: rgb(85, 158,  
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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