

# Converting Colors

Android(4279745884)

Have a look what the booklet for  
Android(4279745884) contains.

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# **Color**

**Android(4279745884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17BD5C
RGB	23, 189, 92
RGB Percent	9%, 74%, 36%
CMY	0.9098, 0.2588, 0.6392
CMYK	0.88, 0.00, 0.51, 0.26
HSL	145°, 78%, 42%
HSV	145°, 88%, 74%
XYZ	20.4827, 37.3501, 16.2549
YIQ	128.3080, -67.7990, -65.3590

# Conversions

## Conversions Part 2

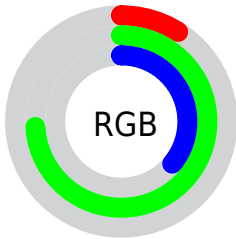
Format	Color
<a href="#">RYB</a>	23, 140, 189
Decimal	1555804
CIELab	67.54, -60.31, 37.93
CIELCh	68, 71.251, 147.831
Yxy	37.3501, 0.2765, 0.5041
Android (android.graphics.Color)	4279745884 (0xFF17BD5C)
YUV	128.3080, -17.8998, -92.3551
Hunter-Lab	61.1147, -47.1261, 27.0107

# Details

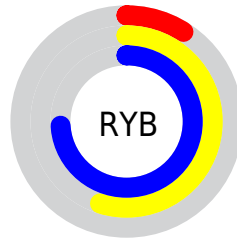
The Android color `4279745884` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290582392`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4285003664`, and `4278224426` is the 20% darker color. If you saturate the color by 10%, you get `4278500689`, and if you desaturate by 10%, it is `4280991079`.

# Distribution



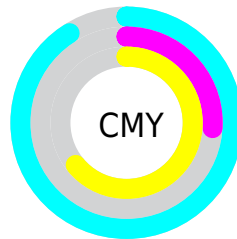
- Red (9%)
- Green (74%)
- Blue (36%)



- Red (9%)
- Yellow (55%)
- Blue (74%)



- Cyan (88%)
- Magenta (0%)
- Yellow (51%)
- Black (26%)



- Cyan (91%)
- Magenta (26%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279745884 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 4279745884 by changing the saturation by 10% instead.



 4279745884

 4279745884

4294967295

 4278231363

 4285003664

 4278224426

 4287037355

 4278217744

 4289003463

 4278211072

 4291035107

 4278204928

 4293001215

 4278198784

 4278190080

 4279745884

 4279745884

 4278500689

 4280991079

■ 4278238543

■ 4282236274

■ 4283481469

■ 4284726664

■ 4285971859

■ 4287151518

■ 4288396713

■ 4289641908

■ 4290887103

# Harmonies

## Analogous

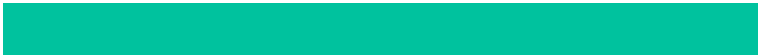
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287214113



4279745884



4278239902

# Triad

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



4279745884



4278234879



4294929516

# Complementary

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



4279745884



4290582392

# 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.



4294927532



4279745884



4288321023

# Square

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



4279745884



4278238463



4293753066



4294477364

# Rectangle

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



4279745884



4278239946



4293753066



4294928001

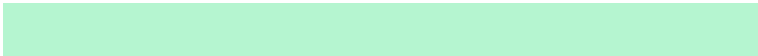


# Sweetspot

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



4279745884



4290115024



4286299415



4283726436



4294638330



4286216826



# Same Dimension

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



4279745884



4278252902



4279745964



4283784793



4278230594



4278198029



# Inverse Universe

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



4290582392



4294246543



4290582312



4284372314



4288544860



4280221714



# Previews

## White Background



This preview shows how the Android color 4279745884 looks on a white background.

## Color Contrast Check

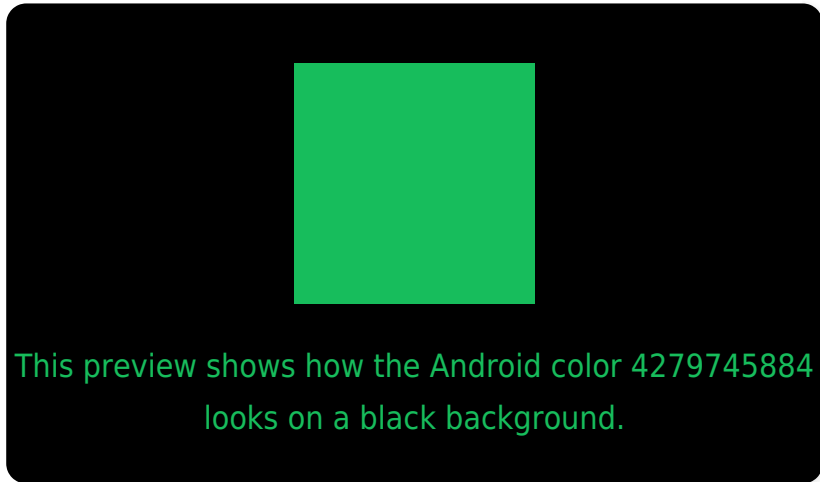
Large Text (above 18pt) WCAG AA × Fail

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 4279745884 Background



This preview shows how black text looks on a background with the Android color 4279745884.



This preview shows how white text looks on a background with the Android color 4279745884.

# 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**

4279745884



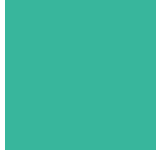
**Protanomaly**

4286295126



**Deuteranomaly**

4287015010



**Tritanomaly**

4281906844

# Monochromacy



**Original Color**

4279745884



**Achromatopsia**

4286611584



**Achromatomaly**

4284126835

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279745884 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(23, 189, 92)` looks like.

```
.text, #text, p{  
    color:rgb(23, 189, 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(23, 189, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 189, 92) }
```

## Border

The CSS property to change the border of an element to Android 4279745884 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(23, 189, 92) }
```

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

```
.border{ border-color:rgb(23, 189, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 189, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 189, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 189, 92);  
box-shadow:4px 4px 4px 4px rgb(23, 189,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4279745884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 189, 92) }
```

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

```
.background{ background-color: rgb(23, 189,  
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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