

# Converting Colors

Android(4279556250)

Have a look what the booklet for  
Android(4279556250) contains.

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# **Color**

**Android(4279556250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14D89A
RGB	20, 216, 154
RGB Percent	8%, 85%, 60%
CMY	0.9216, 0.1529, 0.3961
CMYK	0.91, 0.00, 0.29, 0.15
HSL	161°, 83%, 46%
HSV	161°, 91%, 85%
XYZ	30.6771, 51.5935, 38.9136
YIQ	150.3280, -96.9140, -60.8340

# Conversions

## Conversions Part 2

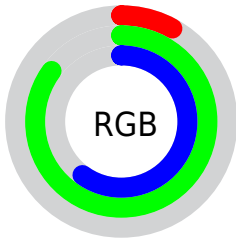
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 136, 216
Decimal	1366170
CIELab	77.04, -58.05, 18.48
CIELCh	77, 60.918, 162.342
Yxy	51.5935, 0.2531, 0.4257
Android (android.graphics.Color)	4279556250 (0xFF14D89A)
YUV	150.3280, 1.8103, -114.2977
Hunter-Lab	71.8287, -49.4651, 18.1594

# Details

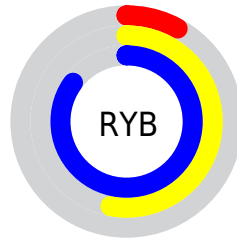
The Android color `4279556250` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4292351058`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4285398993`, and `4278231143` is the 20% darker color. If you saturate the color by 10%, you get `4278245524`, and if you desaturate by 10%, it is `4280998049`.

# Distribution



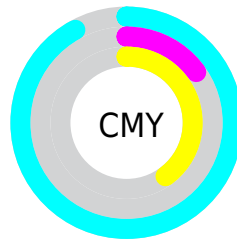
- Red (8%)
- Green (85%)
- Blue (60%)



- Red (8%)
- Yellow (53%)
- Blue (85%)



- Cyan (91%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (92%)
- Magenta (15%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279556250 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 4279556250 by changing the saturation by 10% instead.





4279556250



4279556250

4294967295



4278238336



4285398993



4278231143



4287561709



4278224206



4289593343



4278217271



4291624959



4278210849



4293656575



4278204428



4278198272



4278190080



4279556250



4279556250

■ 4278245524

■ 4280998049

■ 4282374312

■ 4283816110

■ 4285192373

■ 4286634172

■ 4288075971

■ 4289452234

■ 4290894033

■ 4292270295

# Harmonies

## Analogous

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



4287287399



4279556250



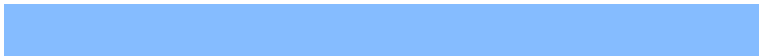
4278246101

# Triad

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



4279556250



4286954751



4294941301

# Complementary

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



4279556250



4292351058

# 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.



4294938025



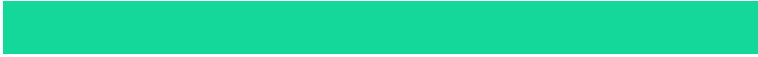
4279556250



4292912895

# Square

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



4279556250



4278243071



4294939362



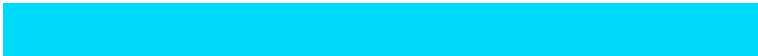
4294618960

# Rectangle

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



4279556250



4278245881



4294939362



4294939781

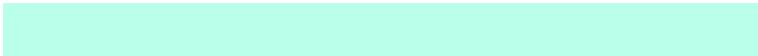


# Sweetspot

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



4279556250



4290445289



4283619348



4283924595



4278190080



4286611584



# Same Dimension

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



4279556250



4278255534



4279547096



4284509032



4278233973



4278201118



# Inverse Universe

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



4292351058



4294901841



4292360212



4285227108



4289396790

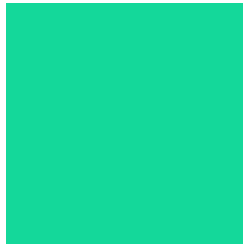


4281008142



# Previews

## White Background



This preview shows how the Android color 4279556250 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



This preview shows how the Android color 4279556250 looks on a 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 4279556250 Background



This preview shows how black text looks on a background with the Android color 4279556250.

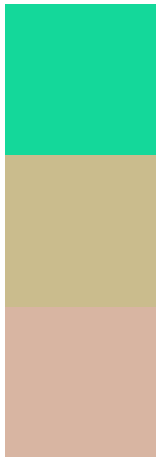


This preview shows how white text looks on a background with the Android color 4279556250.

# 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



**Original Color**  
4279556250

**Protanopia**  
4291476621

**Deuteranopia**  
4292392354



# Trichromacy



**Original Color**

4279556250



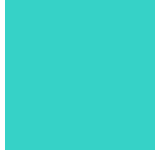
**Protanomaly**

4287153810



**Deuteranomaly**

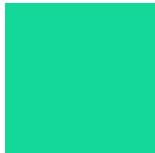
4287742623



**Tritanomaly**

4281782983

# Monochromacy



**Original Color**

4279556250



**Achromatopsia**

4288059030



**Achromatomaly**

4284984983

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279556250 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(20, 216, 154)` looks like.

```
.text, #text, p{  
    color:rgb(20, 216, 154)  
}
```

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(20, 216, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 216, 154) }
```

## Border

The CSS property to change the border of an element to Android 4279556250 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(20, 216, 154) }
```

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

```
.border{ border-color:rgb(20, 216, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 216, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 216, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 216, 154);  
box-shadow:4px 4px 4px 4px rgb(20, 216,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4279556250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 216, 154) }
```

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

```
.background{ background-color: rgb(20, 216,  
154) }
```

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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