

# Converting Colors

Android(4279556294)

Have a look what the booklet for  
Android(4279556294) contains.

<b>Android(4279556294)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4279556294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14D8C6
RGB	20, 216, 198
RGB Percent	8%, 85%, 78%
CMY	0.9216, 0.1529, 0.2235
CMYK	0.91, 0.00, 0.08, 0.15
HSL	174°, 83%, 46%
HSV	174°, 91%, 85%
XYZ	35.0374, 53.3377, 61.8746
YIQ	155.3440, -111.0380, -47.1500

# Conversions

## Conversions Part 2

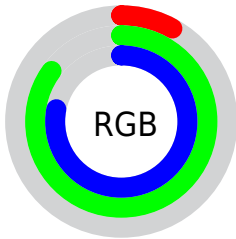
Format	Color
<a href="#">RYB</a>	<a href="#">20, 123, 216</a>
Decimal	<a href="#">1366214</a>
CIELab	<a href="#">78.07, -46.98, -3.46</a>
CIElCh	<a href="#">78, 47.109, 184.215</a>
Yxy	<a href="#">53.3377, 0.2332, 0.3550</a>
Android (android.graphics.Color)	<a href="#">4279556294</a> ( <a href="#">0xFF14D8C6</a> )
YUV	<a href="#">155.3440, 21.0294, -118.6967</a>
Hunter-Lab	<a href="#">73.0326, -42.1718, 0.8913</a>

# Details

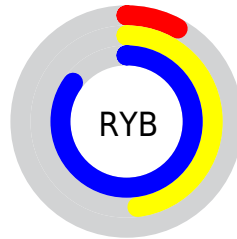
The Android color `4279556294` is a dark color, and the websafe version is hex `00CCCC`. The color can be described as middle washed cyan. A complement of this color would be `4292351014`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4285595647`, and `4278231184` is the 20% darker color. If you saturate the color by 10%, you get `4278245572`, and if you desaturate by 10%, it is `4280998088`.

# Distribution



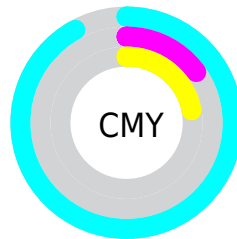
- Red (8%)
- Green (85%)
- Blue (78%)



- Red (8%)
- Yellow (48%)
- Blue (85%)



- Cyan (91%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (92%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279556294 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 4279556294 by changing the saturation by 10% instead.



 4279556294

 4279556294

4294967295

 4278238379

 4285595647


 4278231184

 4287758335

 4278224247

 4289855487

 4278217566

 4291887103

 4278211143

 4293918719

 4278204720

 4278199323

 4278190080

 4279556294

 4279556294

■ 4278245572

■ 4280998088

■ 4282374346

■ 4283816140

■ 4285192398

■ 4286634192

■ 4288075986

■ 4289452244

■ 4290894038

■ 4292270296

# Harmonies

## Analogous

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



4285650329



4279556294



4278245105

# Triad

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



4279556294



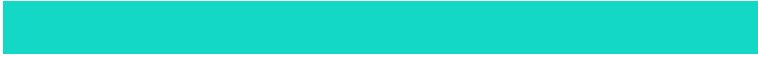
4291736575



4294685043

# Complementary

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



4279556294



4292351014

# 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.



4294943634



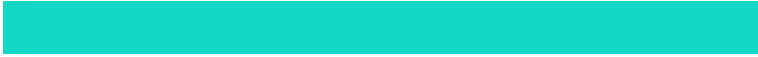
4279556294



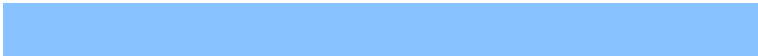
4294812904

# Square

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



4279556294



4287153151



4294942396



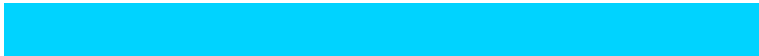
4292329832

# Rectangle

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



4279556294



4278244351



4294942396



4294945915

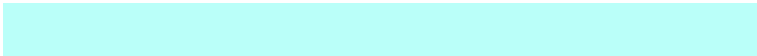


# Sweetspot

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



4279556294



4290445305



4280866836



4283924604



4278190080



4286611584



# Same Dimension

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



4279556294



4278255592



4279536344



4284509034



4278234011



4278201127



# Inverse Universe

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



4292351014



4294901783



4292370964



4285227105



4289396752

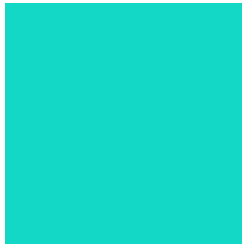


4281008132



# Previews

## White Background



This preview shows how the Android color 4279556294 looks on a white background.

## Color Contrast Check

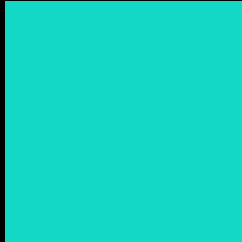
Large Text (above 18pt) WCAG AA × Fail

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 4279556294 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

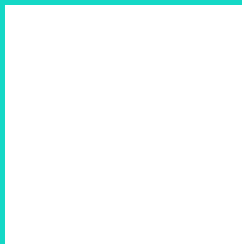
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279556294 Background



This preview shows how black text looks on a background with the Android color 4279556294.



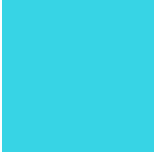
This preview shows how white text looks on a background with the Android color 4279556294.

# 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](#).

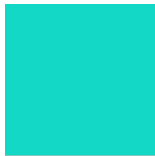
## Dichromacy





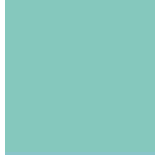
**Tritanopia**  
4281849061

# Trichromacy



**Original Color**

4279556294



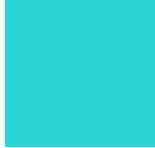
**Protanomaly**

4286957757



**Deuteranomaly**

4287219146



**Tritanomaly**

4280997338

# Monochromacy



**Original Color**

4279556294



**Achromatopsia**

4288387995



**Achromatomaly**

4285182379

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279556294 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(20, 216, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 216, 198) }
```

## Border

The CSS property to change the border of an element to Android 4279556294 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, 198) }
```

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

```
.border{ border-color:rgb(20, 216, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(20, 216,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4279556294 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, 198) }
```

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

```
.background{ background-color: rgb(20, 216,  
198) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor