

# Converting Colors

Android(4279620010)

Have a look what the booklet for  
Android(4279620010) contains.

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# Color

**Android(4279620010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15D1AA
RGB	21, 209, 170
RGB Percent	8%, 82%, 67%
CMY	0.9176, 0.1804, 0.3333
CMYK	0.90, 0.00, 0.19, 0.18
HSL	168°, 82%, 45%
HSV	168°, 90%, 82%
XYZ	30.3654, 48.6626, 45.8226
YIQ	148.3420, -99.5290, -51.9850

# Conversions

## Conversions Part 2

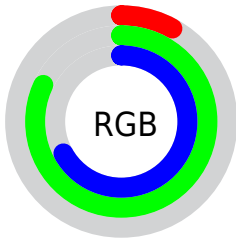
Format	Color
<a href="#">RYB</a>	<a href="#">21, 126, 209</a>
Decimal	<a href="#">1429930</a>
CIELab	<a href="#">75.24, -51.47, 7.43</a>
CIELCh	<a href="#">75, 52.005, 171.781</a>
Yxy	<a href="#">48.6626, 0.2432, 0.3898</a>
Android (android.graphics.Color)	<a href="#">4279620010</a> ( <a href="#">0xFF15D1AA</a> )
YUV	<a href="#">148.3420, 10.6774, -111.6789</a>
Hunter-Lab	<a href="#">69.7586, -44.3778, 9.8850</a>

# Details

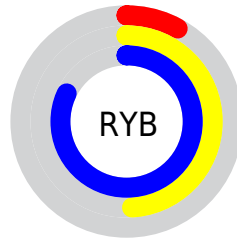
The Android color `4279620010` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle washed spring green. A complement of this color would be `4291892540`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4285333473`, and `4278229366` is the 20% darker color. If you saturate the color by 10%, you get `4278243750`, and if you desaturate by 10%, it is `4280996270`.

# Distribution



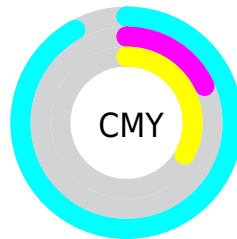
- Red (8%)
- Green (82%)
- Blue (67%)



- Red (8%)
- Yellow (49%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279620010 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 4279620010 by changing the saturation by 10% instead.



 4279620010

 4279620010

4294967295

 4278236560

 4285333473


 4278229366

 4287496190

 4278222685

 4289527807

 4278216006

 4291559423

 4278209327

 4293591039

 4278203418

 4278196992

 4278190080

 4279620010

 4279620010

■ 4278243750

■ 4280996270

■ 4282372531

■ 4283748791

■ 4285125051

■ 4286501312

■ 4287812036

■ 4289188296

■ 4290564557

■ 4291940817

# Harmonies

## Analogous

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



4286303356



4279620010



4278244059

# Triad

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



4279620010



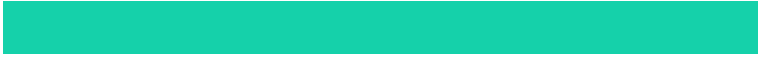
4289245951



4294943088

# Complementary

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



4279620010



4291892540

# 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.



4294939544



4279620010



4293435381

# Square

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



4279620010



4282368767



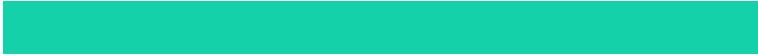
4294939593



4293046872

# Rectangle

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



4279620010



4278243320



4294939593



4294941564

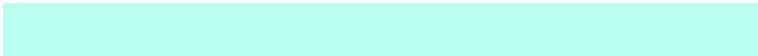


# Sweetspot

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



4279620010



4290445297



4282306837



4283924599



4278190080



4286611584



# Same Dimension

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



4279620010



4278255562



4279606481



4284377446



4278233221



4278200608



# Inverse Universe

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



4291892540



4294901813



4291906069



4285095520



4289200163

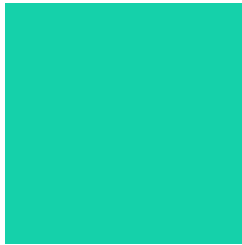


4280877064



# Previews

## White Background



This preview shows how the Android color 4279620010 looks on a white background.

## Color Contrast Check

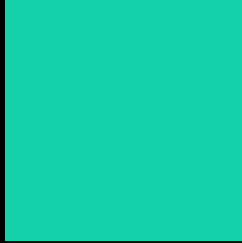
Large Text (above 18pt) WCAG AA × Fail

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 4279620010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

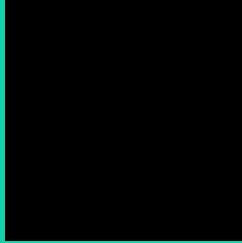
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

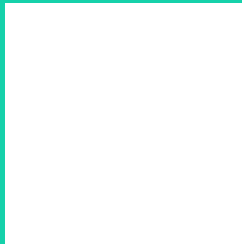
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279620010 Background



This preview shows how black text looks on a background with the Android color 4279620010.



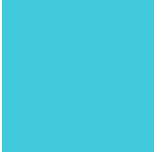
This preview shows how white text looks on a background with the Android color 4279620010.

# 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](#).

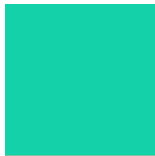
## Dichromacy





**Tritanopia**  
4282436315

# Trichromacy



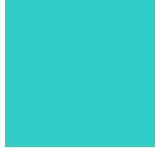
**Original Color**  
4279620010



**Protanomaly**  
4286759074



**Deuteranomaly**  
4287217070



**Tritanomaly**  
4281388489

# Monochromacy



**Original Color**  
4279620010



**Achromatopsia**  
4287927444



**Achromatomaly**  
4284918428

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279620010 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(21, 209, 170)` looks like.

```
.text, #text, p{  
    color:rgb(21, 209, 170)  
}
```

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(21, 209, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 209, 170) }
```

## Border

The CSS property to change the border of an element to Android 4279620010 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(21, 209, 170) }
```

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

```
.border{ border-color:rgb(21, 209, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 209, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 209, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 209, 170);  
box-shadow:4px 4px 4px 4px rgb(21, 209,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4279620010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 209, 170) }
```

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

```
.background{ background-color: rgb(21, 209,  
170) }
```

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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