

Converting Colors

Android(4279686535)

Have a look what the booklet for
Android(4279686535) contains.

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Color

Android(4279686535)

Conversions

Conversions Part 1

Format	Color
Hex	16D587
RGB	22, 213, 135
RGB Percent	9%, 84%, 53%
CMY	0.9137, 0.1647, 0.4706
CMYK	0.90, 0.00, 0.37, 0.16
HSL	155°, 81%, 46%
HSV	155°, 90%, 84%
XYZ	28.4983, 49.5083, 30.9757
YIQ	146.9990, -88.7980, -64.7500

Conversions

Conversions Part 2

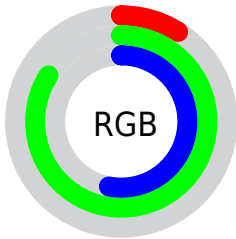
Format	Color
R_{YB}	22, 142, 213
Decimal	1496455
CIE _{Lab}	75.77, -60.89, 26.68
CIE _{LCh}	76, 66.479, 156.338
Yxy	49.5083, 0.2615, 0.4543
Android (android.graphics.Color)	4279686535 (0xFF16D587)
YUV	146.9990, -5.9155, -109.6241
Hunter-Lab	70.3622, -50.8372, 23.1521

Details

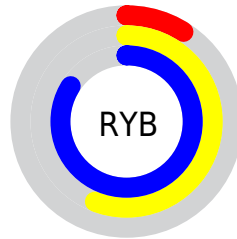
The Android color **4279686535** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **4292154980**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285333437**, and **4278230356** is the 20% darker color. If you saturate the color by 10%, you get **4278310270**, and if you desaturate by 10%, it is **4281062800**.

Distribution



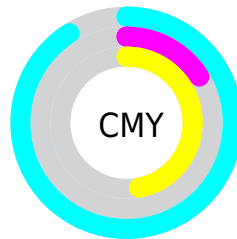
- Red (9%)
- Green (84%)
- Blue (53%)



- Red (9%)
- Yellow (56%)
- Blue (84%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (16%)



- Cyan (91%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279686535 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 4279686535 by changing the saturation by 10% instead.



4279686535



4279686535

4294967295



4278237549



4285333437



4278230356



4287496153



4278223421



4289527797



4278216485



4291559423



4278210063



4293591039



4278203904



4278197504



4278190080



4279686535



4279686535

 4278310270

 4281062800

 4278244734

 4282504600

 4283880865

 4285257130

 4286698930

 4288075195

 4289451460

 4290827725

 4292269525

Harmonies

Analogous

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



4287614033



4279686535



4278245830

Triad

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



4279686535



4283612671



4294938229

Complementary

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



4279686535



4292154980

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.



4294935216



4279686535



4291798527

Square

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



4279686535



4278243071



4294937837



4294944327

Rectangle

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



4279686535



4278245615



4294937837



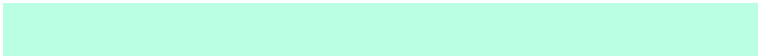
4294936712

Sweetspot

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



4279686535



4290445283



4284929302



4283924591



4278190080



4286611584

Same Dimension

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



4279686535



4278255511



4279682517



4284509031



4278233957



4278201114

Inverse Universe

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



4292154980



4294901864



4292158998



4285227109



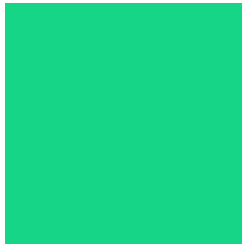
4289396806



4281008146

Previews

White Background



This preview shows how the Android color 4279686535 looks on a white background.

Color Contrast Check

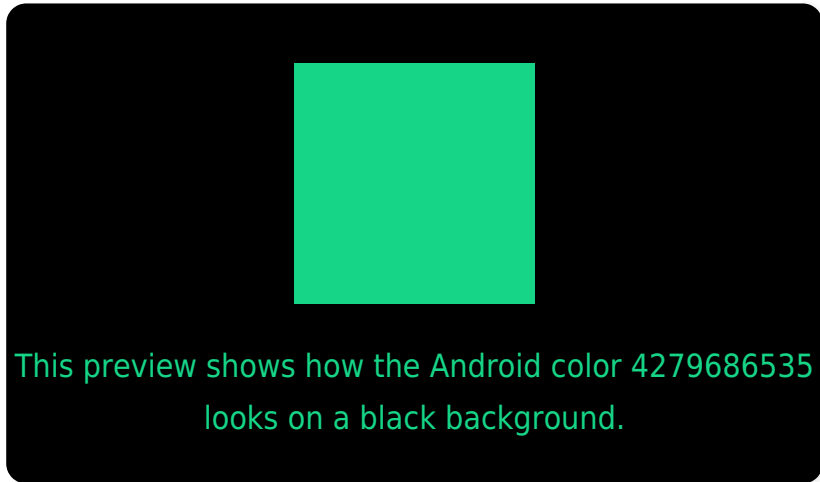
Large Text (above 18pt) WCAG AA × Fail

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 4279686535 Background



This preview shows how black text looks on a background with the Android color 4279686535.



This preview shows how white text looks on a background with the Android color 4279686535.

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

4279686535



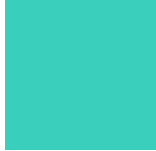
Protanomaly

4287153023



Deuteranomaly

4287807372



Tritanomaly

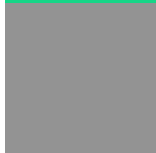
4282044348

Monochromacy



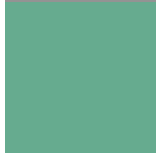
Original Color

4279686535



Achromatopsia

4287861651



Achromatomaly

4284918671

CSS Examples

Text

The CSS property to change the color of the text to Android 4279686535 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(22, 213, 135)` looks like.

```
.text, #text, p{  
    color:rgb(22, 213, 135)  
}
```

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(22, 213, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 213, 135) }
```

Border

The CSS property to change the border of an element to Android 4279686535 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(22, 213, 135) }
```

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

```
.border{ border-color:rgb(22, 213, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 213, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 213, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 213, 135);  
box-shadow:4px 4px 4px 4px rgb(22, 213,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4279686535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 213, 135) }
```

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

```
.background{ background-color: rgb(22, 213,  
135) }
```

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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