

Converting Colors

Android(4279416948)

Have a look what the booklet for
Android(4279416948) contains.

Android(4279416948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279416948)

Conversions

Conversions Part 1

Format	Color
Hex	12B874
RGB	18, 184, 116
RGB Percent	7%, 72%, 45%
CMY	0.9294, 0.2784, 0.5451
CMYK	0.90, 0.00, 0.37, 0.28
HSL	155°, 82%, 40%
HSV	155°, 90%, 72%
XYZ	20.5423, 35.6705, 22.3254
YIQ	126.6140, -77.1080, -56.3400

Conversions

Conversions Part 2

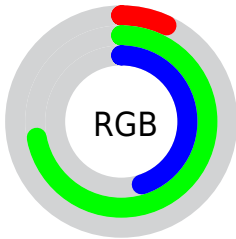
Format	Color
RYB	18, 122, 184
Decimal	1226868
CIELab	66.27, -54.54, 23.91
CIELCh	66, 59.550, 156.332
Yxy	35.6705, 0.2616, 0.4542
Android (android.graphics.Color)	4279416948 (0xFF12B874)
YUV	126.6140, -5.2327, -95.2545
Hunter-Lab	59.7248, -43.1234, 19.6445

Details

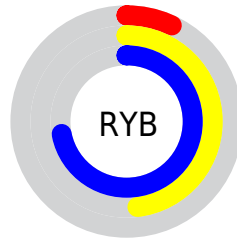
The Android color **4279416948** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **4290253398**, and the grayscale version is **4286545791**.

A 20% lighter version of the original color is **4284805544**, and **4278223171** is the 20% darker color. If you saturate the color by 10%, you get **4278237293**, and if you desaturate by 10%, it is **4280596604**.

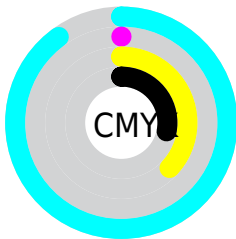
Distribution



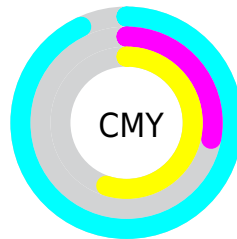
- Red (7%)
- Green (72%)
- Blue (45%)



- Red (7%)
- Yellow (48%)
- Blue (72%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (28%)



- Cyan (93%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279416948 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 4279416948 by changing the saturation by 10% instead.



4279416948



4279416948

4294967295



4278230107



4284805544



4278223171



4286840772



4278216492



4288806880



4278210070



4290772989



4278203904



4292739071



4278197760



4294770687



4278190080



4279416948




4279416948



4278237293



4280596604

 4281841795

 4283021451

 4284266642

 4285446298

 4286625953

 4287871145

 4289050800

 4290295992

Harmonies

Analogous

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



4286296133



4279416948



4278238123

Triad

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



4279416948



4282819583



4294736485

Complementary

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



4279416948



4290253398

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.



4294930584



4279416948



4289892088

Square

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



4279416948



4278235903



4293622221



4292906812

Rectangle

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



4279416948



4278238159



4293622221



4294931829

Sweetspot

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



4279416948



4289720533



4283938834



4283529320



4294440951



4286085240

Same Dimension

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



4279416948



4278251662



4279413432



4283653208



4278230108



4278197265

Inverse Universe

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



4290253398



4293918818



4290256914



4284240726



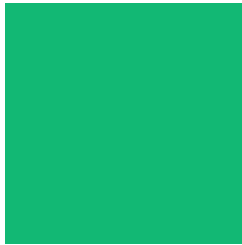
4288413760



4280025099

Previews

White Background



This preview shows how the Android color 4279416948 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 4279416948 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 4279416948 Background



This preview shows how black text looks on a background with the Android color 4279416948.



This preview shows how white text looks on a background with the Android color 4279416948.

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

4279416948



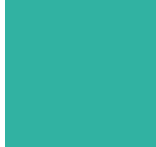
Protanomaly

4285901166



Deuteranomaly

4286489720



Tritanomaly

4281447074

Monochromacy



Original Color

4279416948



Achromatopsia

4286545791



Achromatomaly

4283929723

CSS Examples

Text

The CSS property to change the color of the text to Android 4279416948 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(18, 184, 116)` looks like.

```
.text, #text, p{  
    color:rgb(18, 184, 116)  
}
```

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(18, 184, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 184, 116) }
```

Border

The CSS property to change the border of an element to Android 4279416948 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(18, 184, 116) }
```

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

```
.border{ border-color:rgb(18, 184, 116) }
```

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

Here you see how a box with a 4 pixel rgb(18, 184, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 184, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 184, 116);  
box-shadow:4px 4px 4px 4px rgb(18, 184,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4279416948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 184, 116) }
```

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

```
.background{ background-color: rgb(18, 184,  
116) }
```

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