

Converting Colors

Android(4279740514)

Have a look what the booklet for
Android(4279740514) contains.

Android(4279740514)	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(4279740514)

Conversions

Conversions Part 1

Format	Color
Hex	17A862
RGB	23, 168, 98
RGB Percent	9%, 66%, 38%
CMY	0.9098, 0.3412, 0.6157
CMYK	0.86, 0.00, 0.42, 0.34
HSL	151°, 76%, 37%
HSV	151°, 86%, 66%
XYZ	16.5606, 29.0693, 16.2934
YIQ	116.6650, -63.9500, -52.5100

Conversions

Conversions Part 2

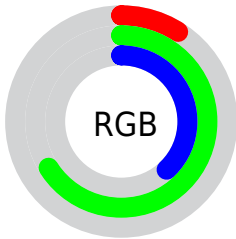
Format	Color
R_{YB}	23, 119, 168
Decimal	1550434
CIE _{Lab}	60.84, -51.95, 26.31
CIE _{LCh}	61, 58.234, 153.145
Yxy	29.0693, 0.2674, 0.4694
Android (android.graphics.Color)	4279740514 (0xFF17A862)
YUV	116.6650, -9.2018, -82.1442
Hunter-Lab	53.9159, -39.5256, 19.8237

Details

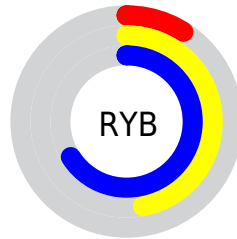
The Android color `4279740514` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289206109`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284604565`, and `4278219314` is the 20% darker color. If you saturate the color by 10%, you get `4278626394`, and if you desaturate by 10%, it is `4280854634`.

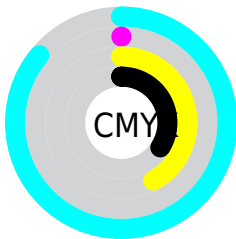
Distribution



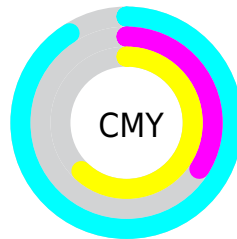
- Red (9%)
- Green (66%)
- Blue (38%)



- Red (9%)
- Yellow (47%)
- Blue (66%)



- Cyan (86%)
- Magenta (0%)
- Yellow (42%)
- Black (34%)



- Cyan (91%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279740514 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 4279740514 by changing the saturation by 10% instead.



4279740514



4279740514

4294967295



4278226250



4284604565



4278219314



4286578096



4278212891



4288544716



4278206468



4290445288



4278200832



4292411391



4278191616



4294377471



4278190080



4279740514



4279740514



4278626394



4280854634

■ 4278233175

■ 4281968754

■ 4283017338

■ 4284131458

■ 4285245579

■ 4286359699

■ 4287473819

■ 4288522403

■ 4289636523

Harmonies

Analogous

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



4285833270



4279740514



4278234007

Triad

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



4279740514



4279146490



4293684061

Complementary

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



4279740514



4289206109

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.



4293878415



4279740514



4288381929

Square

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



4279740514



4278232302



4292177346



4291985205

Rectangle

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



4279740514



4278234042



4292177346



4293944941

Sweetspot

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



4279740514



4288863168



4284327959



4283199069



4293783021



4285427310

Same Dimension

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



4279740514



4278246257



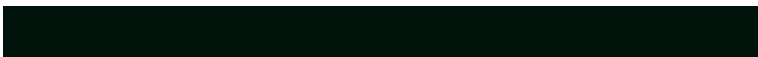
4279740072



4283192400



4278228045



4278195211

Inverse Universe

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



4289206109



4292542570



4289206551



4283714640



4287889479



4279500810

Previews

White Background



This preview shows how the Android color 4279740514 looks on a white background.

Color Contrast Check

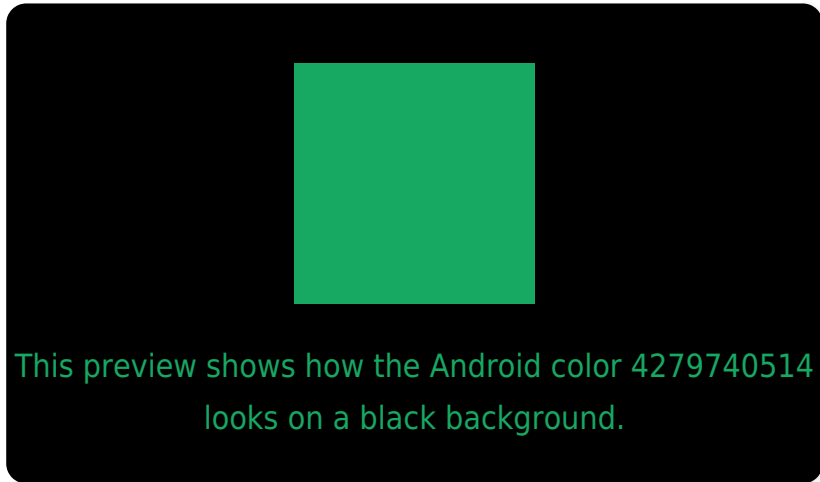
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4279740514 Background



This preview shows how black text looks on a background with the Android color 4279740514.



This preview shows how white text looks on a background with the Android color 4279740514.

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

4279740514



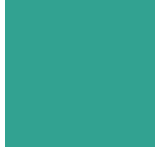
Protanomaly

4285438556



Deuteranomaly

4285961830



Tritanomaly

4281508497

Monochromacy



Original Color

4279740514



Achromatopsia

4285887861



Achromatomaly

4283664494

CSS Examples

Text

The CSS property to change the color of the text to Android 4279740514 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(23, 168, 98)` looks like.

```
.text, #text, p{  
    color:rgb(23, 168, 98)  
}
```

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(23, 168, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 168, 98) }
```

Border

The CSS property to change the border of an element to Android 4279740514 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(23, 168, 98) }
```

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

```
.border{ border-color:rgb(23, 168, 98) }
```

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

Here you see how a box with a 4 pixel rgb(23, 168, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 168, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 168, 98);  
box-shadow:4px 4px 4px 4px rgb(23, 168,  
98) }
```

Background

The CSS property to change the background color of an element to Android 4279740514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 168, 98) }
```

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

```
.background{ background-color: rgb(23, 168,  
98) }
```

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