

Converting Colors

Android(4278214936)

Have a look what the booklet for
Android(4278214936) contains.

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Color

Android(4278214936)

Conversions

Conversions Part 1

Format	Color
Hex	006118
RGB	0, 97, 24
RGB Percent	0%, 38%, 9%
CMY	1.0000, 0.6196, 0.9059
CMYK	1.00, 0.00, 0.75, 0.62
HSL	135°, 100%, 19%
HSV	135°, 100%, 38%
XYZ	4.4396, 8.6153, 2.2931
YIQ	59.6750, -34.3790, -43.2670

Conversions

Conversions Part 2

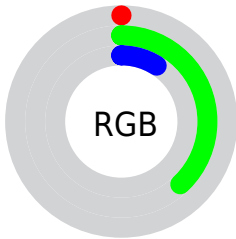
Format	Color
RYB	0, 78, 97
Decimal	24856
CIELab	35.23, -40.76, 33.10
CIELCh	35, 52.510, 140.922
Yxy	8.6153, 0.2893, 0.5613
Android (android.graphics.Color)	4278214936 (0xFF006118)
YUV	59.6750, -17.5878, -52.3350
Hunter-Lab	29.3519, -24.3671, 15.9143

Details

The Android color **4278214936** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284547145**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4282750280**, and **4278202624** is the 20% darker color. If you saturate the color by 10%, you get **4278214936**, and if you desaturate by 10%, it is **4278870303**.

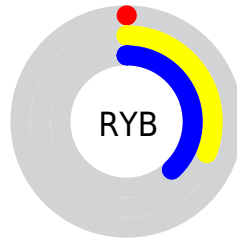
Distribution



Red (0%)

Green (38%)

Blue (9%)



Red (0%)

Yellow (31%)

Blue (38%)

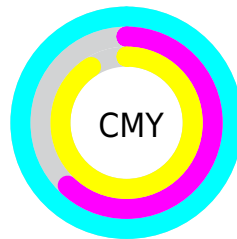


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (62%)



Cyan (100%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214936 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 4278214936 by changing the saturation by 10% instead.

 4278214936

 4278214936

4294967295

 4278208512

 4282750280

 4278202624

 4284592225

 4278196992

 4286368890

 4278190080

 4288145556

 4290052015

 4291887051

 4293787623

 4278214936

■ 4278870303

■ 4279460135

■ 4280115502

■ 4280770869

■ 4281426237

■ 4282016068

■ 4282671435

■ 4283326802

■ 4283916634

Harmonies

Analogous

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



4282997248



4278214936



4278216004

Triad

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



4278214936



4278213798



4288357688

Complementary

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



4278214936



4284547145

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.



4288029793



4278214936



4281421218

Square

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



4278214936



4278215572



4286068872



4287379727

Rectangle

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



4278214936



4278216034



4286068872



4288422213

Sweetspot

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



4278214936



4283923809



4283064576



4280893486



4290756543



4282400832

Same Dimension

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



4278214936



4278222111



4278214983



4281085997



4278218780



4278251579

Inverse Universe

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



4284547145



4286382174



4284547098



4281347119



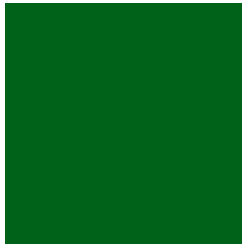
4285530196



4293918900

Previews

White Background



This preview shows how the Android color 4278214936 looks on a white background.

Color Contrast Check

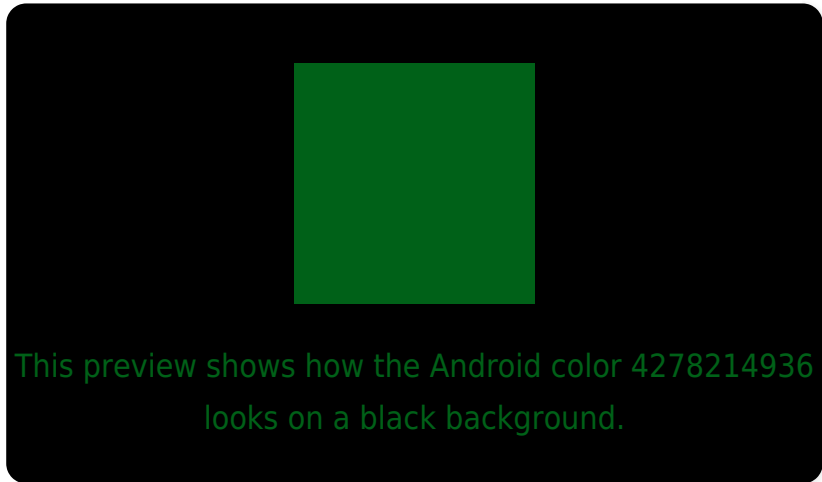
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

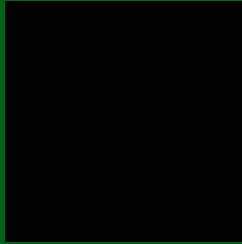
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4278214936 Background



This preview shows how black text looks on a background with the Android color 4278214936.



This preview shows how white text looks on a background with the Android color 4278214936.

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



Original Color
4278214936

Protanopia
4284306196

Deuteranopia
4284960543

Trichromacy



Original Color
4278214936

Protanomaly
4282079253

Deuteranomaly
4282537500

Tritanomaly
4279852359

Monochromacy



Original Color
4278214936

Achromatopsia
4282137660

Achromatomaly
4280699183

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214936 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(0, 97, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 24)  
}
```

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(0, 97, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 24) }
```

Border

The CSS property to change the border of an element to Android 4278214936 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(0, 97, 24) }
```

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

```
.border{ border-color:rgb(0, 97, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 24); box-shadow:4px  
4px 4px 4px rgb(0, 97, 24) }
```

Background

The CSS property to change the background color of an element to Android 4278214936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 24) }
```

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

```
.background{ background-color: rgb(0, 97,  
24) }
```

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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