

Converting Colors

Android(4278478364)

Have a look what the booklet for
Android(4278478364) contains.

Android(4278478364)	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(4278478364)

Conversions

Conversions Part 1

Format	Color
Hex	04661C
RGB	4, 102, 28
RGB Percent	2%, 40%, 11%
CMY	0.9843, 0.6000, 0.8902
CMYK	0.96, 0.00, 0.73, 0.60
HSL	135°, 92%, 21%
HSV	135°, 96%, 40%
XYZ	5.0110, 9.6124, 2.6899
YIQ	64.2620, -34.6540, -43.7900

Conversions

Conversions Part 2

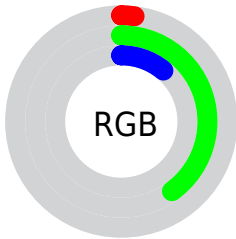
Format	Color
RYB	4, 83, 102
Decimal	288284
CIELab	37.14, -41.56, 33.37
CIELCh	37, 53.295, 141.237
Yxy	9.6124, 0.2894, 0.5552
Android (android.graphics.Color)	4278478364 (0xFF04661C)
YUV	64.2620, -17.8772, -52.8498
Hunter-Lab	31.0039, -25.4064, 16.5587

Details

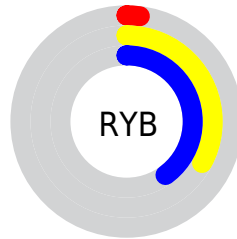
The Android color **4278478364** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284875854**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4283013708**, and **4278203648** is the 20% darker color. If you saturate the color by 10%, you get **4278216217**, and if you desaturate by 10%, it is **4279133732**.

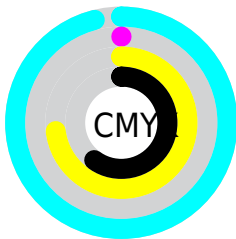
Distribution



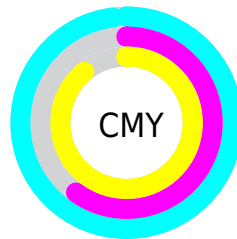
- Red (2%)
- Green (40%)
- Blue (11%)



- Red (2%)
- Yellow (33%)
- Blue (40%)



- Cyan (96%)
- Magenta (0%)
- Yellow (73%)
- Black (60%)



- Cyan (98%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278478364 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 4278478364 by changing the saturation by 10% instead.

 4278478364

 4278478364

4294967295

 4278209794

 4283013708

 4278203648

 4284790117

 4278198272

 4286566782

 4278190080

 4288409241

 4290248628

 4292149200

 4294049772

 4278478364

 4278478364

■ 4278216217

■ 4279133732

■ 4279789099

■ 4280510003

■ 4281165371

■ 4281820739

■ 4282476106

■ 4283131474

■ 4283852378

■ 4284507745

Harmonies

Analogous

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



4283260416



4278478364



4278217289

Triad

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



4278478364



4278214829



4288817723

Complementary

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



4278478364



4284875854

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.



4288489574



4278478364



4281815720

Square

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



4278478364



4278216858



4286463118



4287774226

Rectangle

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



4278478364



4278217575



4286463118



4288882249

Sweetspot

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



4278478364



4284384616



4283393540



4281025073



4290953922



4282532418

Same Dimension

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



4278478364



4278224160



4278478412



4281217839



4278219548



4278252091

Inverse Universe

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



4284875854



4286906468



4284875806



4281544242



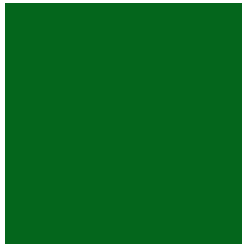
4285726807



4294049975

Previews

White Background



This preview shows how the Android color 4278478364 looks on a white background.

Color Contrast Check

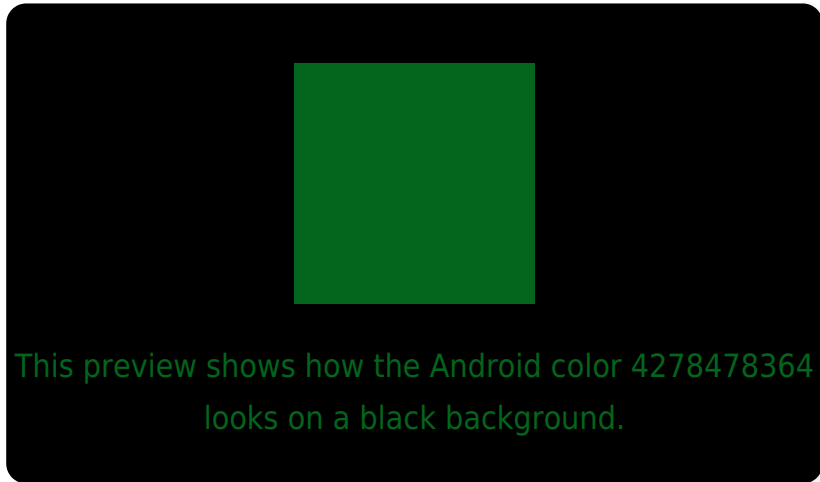
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278478364 Background



This preview shows how black text looks on a background with the Android color 4278478364.



This preview shows how white text looks on a background with the Android color 4278478364.

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

4278478364

Protanopia

4284635160

Deuteranopia

4285354787

Trichromacy



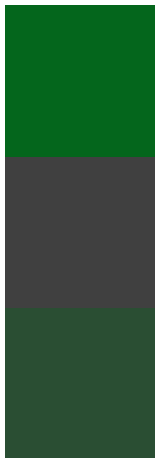
Original Color
4278478364

Protanomaly
4282408217

Deuteranomaly
4282866208

Tritanomaly
4280050252

Monochromacy



Original Color
4278478364

Achromatopsia
4282400832

Achromatomaly
4280962611

CSS Examples

Text

The CSS property to change the color of the text to Android 4278478364 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(4, 102, 28)` looks like.

```
.text, #text, p{  
    color:rgb(4, 102, 28)  
}
```

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(4, 102, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 102, 28) }
```

Border

The CSS property to change the border of an element to Android 4278478364 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(4, 102, 28) }
```

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

```
.border{ border-color:rgb(4, 102, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 102, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 102, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 102, 28);  
box-shadow:4px 4px 4px 4px rgb(4, 102, 28)  
}
```

Background

The CSS property to change the background color of an element to Android 4278478364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 102, 28) }
```

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

```
.background{ background-color: rgb(4, 102,  
28) }
```

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