

Converting Colors

Android(4278479919)

Have a look what the booklet for
Android(4278479919) contains.

Android(4278479919)	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(4278479919)

Conversions

Conversions Part 1

Format	Color
Hex	046C2F
RGB	4, 108, 47
RGB Percent	2%, 42%, 18%
CMY	0.9843, 0.5765, 0.8157
CMYK	0.96, 0.00, 0.56, 0.58
HSL	145°, 93%, 22%
HSV	145°, 96%, 42%
XYZ	5.9257, 10.9562, 4.4918
YIQ	69.9500, -42.4030, -41.0190

Conversions

Conversions Part 2

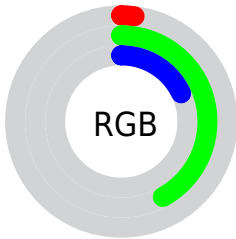
Format	Color
RYB	4, 78, 108
Decimal	289839
CIELab	39.51, -40.99, 26.60
CIElCh	40, 48.863, 147.025
Yxy	10.9562, 0.2772, 0.5126
Android (android.graphics.Color)	4278479919 (0xFF046C2F)
YUV	69.9500, -11.3144, -57.8382
Hunter-Lab	33.1001, -25.9694, 15.1243

Details

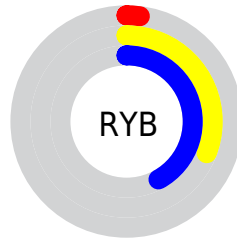
The Android color `4278479919` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285269057`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4283081055`, and `4278205184` is the 20% darker color. If you saturate the color by 10%, you get `4278217773`, and if you desaturate by 10%, it is `4279200821`.

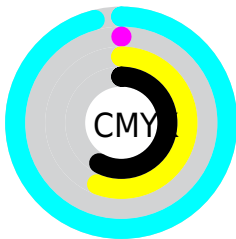
Distribution



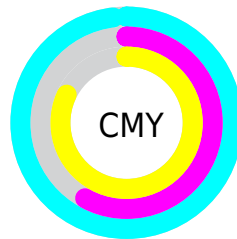
- Red (2%)
- Green (42%)
- Blue (18%)



- Red (2%)
- Yellow (31%)
- Blue (42%)



- Cyan (96%)
- Magenta (0%)
- Yellow (56%)
- Black (58%)



- Cyan (98%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278479919 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 4278479919 by changing the saturation by 10% instead.

 4278479919

 4278479919

4294967295

 4278211352

 4283081055

 4278205184

 4284857464

 4278200064

 4286699666

 4278190080

 4288476589

 4290379720

 4292214756

 4294180863

 4278479919

 4278479919

■ 4278217773

■ 4279200821

■ 4279921724

■ 4280577090

■ 4281297992

■ 4282018895

■ 4282739797

■ 4283460699

■ 4284116066

■ 4284836968

Harmonies

Analogous

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



4283262216



4278479919



4278218584

Triad

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



4278479919



4278215597



4288821563

Complementary

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



4278479919



4285269057

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.



4288754787



4278479919



4283716772

Square

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



4278479919



4278217888



4287185545



4287711768

Rectangle

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



4278479919



4278218611



4287185545



4288951880

Sweetspot

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



4278479919



4284779636



4282543108



4281222969



4291282887



4282861383

Same Dimension

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



4278479919



4278225978



4278479970



4281349682



4278220080



4278252901

Inverse Universe

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



4285269057



4287365202



4285269006



4281741363



4285857861



4294246544

Previews

White Background



This preview shows how the Android color 4278479919 looks on a white background.

Color Contrast Check

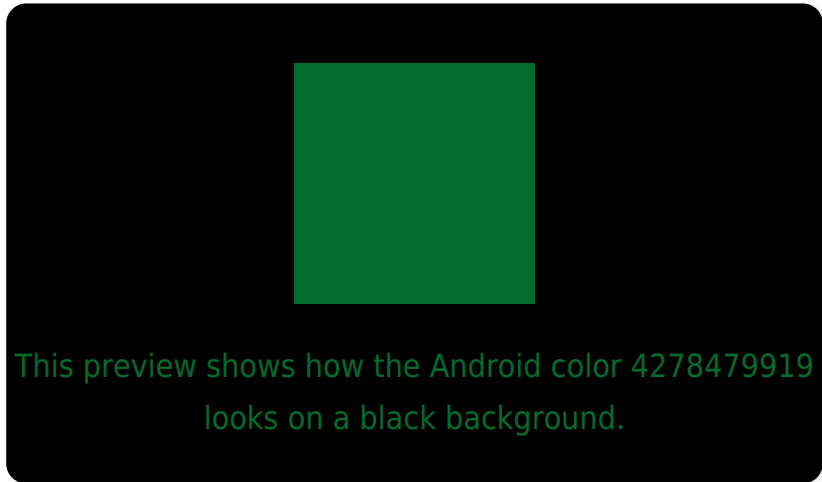
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4278479919 Background



This preview shows how black text looks on a background with the Android color 4278479919.



This preview shows how white text looks on a background with the Android color 4278479919.

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
4278479919

Protanopia
4284964138

Deuteranopia
4285618484

Trichromacy



Original Color
4278479919



Protanomaly
4282606124



Deuteranomaly
4282998834



Tritanomaly
4280117335

Monochromacy



Original Color
4278479919



Achromatopsia
4282795590



Achromatomaly
4281226302

CSS Examples

Text

The CSS property to change the color of the text to Android 4278479919 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, 108, 47)` looks like.

```
.text, #text, p{  
    color:rgb(4, 108, 47)  
}
```

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, 108, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 108, 47) }
```

Border

The CSS property to change the border of an element to Android 4278479919 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, 108, 47) }
```

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

```
.border{ border-color:rgb(4, 108, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 108, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 108, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 108, 47);  
box-shadow:4px 4px 4px 4px rgb(4, 108, 47)  
}
```

Background

The CSS property to change the background color of an element to Android 4278479919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 108, 47) }
```

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

```
.background{ background-color: rgb(4, 108,  
47) }
```

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