

Converting Colors

Android(4278222928)

Have a look what the booklet for
Android(4278222928) contains.

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Color

Android(4278222928)

Conversions

Conversions Part 1

Format	Color
Hex	008050
RGB	0, 128, 80
RGB Percent	0%, 50%, 31%
CMY	1.0000, 0.4980, 0.6863
CMYK	1.00, 0.00, 0.38, 0.50
HSL	158°, 100%, 25%
HSV	158°, 100%, 50%
XYZ	9.1671, 16.0175, 10.1980
YIQ	84.2560, -60.8800, -42.0640

Conversions

Conversions Part 2

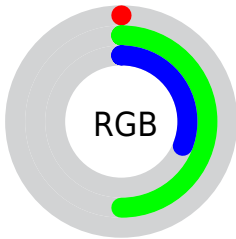
Format	Color
RYB	0, 79, 128
Decimal	32848
CIELab	47.00, -42.24, 17.79
CIELCh	47, 45.835, 157.162
Yxy	16.0175, 0.2591, 0.4527
Android (android.graphics.Color)	4278222928 (0xFF008050)
YUV	84.2560, -2.0982, -73.8925
Hunter-Lab	40.0219, -29.1524, 12.9077

Details

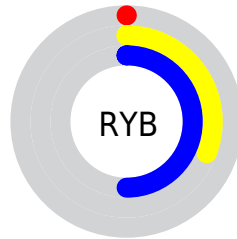
The Android color `4278222928` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4286578736`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4283414146`, and `4278209827` is the 20% darker color. If you saturate the color by 10%, you get `4278222928`, and if you desaturate by 10%, it is `4279074901`.

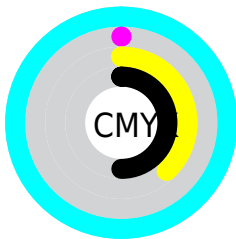
Distribution



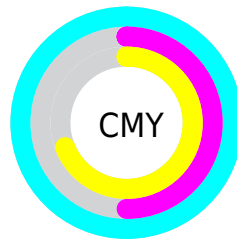
- Red (0%)
- Green (50%)
- Blue (31%)



- Red (0%)
- Yellow (31%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278222928 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 4278222928 by changing the saturation by 10% instead.



4278222928



4278222928

4294967295



4278216249



4283414146



4278209827



4285256348



4278203662



4287164087



4278198272



4289003474



4278190080



4290904047



4292804607



4294770687



4278222928

 4279074901

 4279926874

 4280713310

 4281565283

 4282417256

 4283269229

 4284121202

 4284907638

 4285759611

Harmonies

Analogous

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



4283660846



4278222928



4278223480

Triad

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



4278222928



4281430460



4289811523

Complementary

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



4278222928



4286578736

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.



4290071656



4278222928



4286407085

Square

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



4278222928



4278221750



4289024654



4288439078

Rectangle

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



4278222928



4278223505



4289024654



4290007119

Sweetspot

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



4278222928



4285834899



4281434112



4281750601



4292138196



4283716692

Same Dimension

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



4278222928



4278232680



4278219136



4281942077



4278190080

Inverse Universe

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



4286578736



4289069118



4286582528



4282399036



4278190080

Previews

White Background



This preview shows how the Android color 4278222928 looks on a white background.

Color Contrast Check

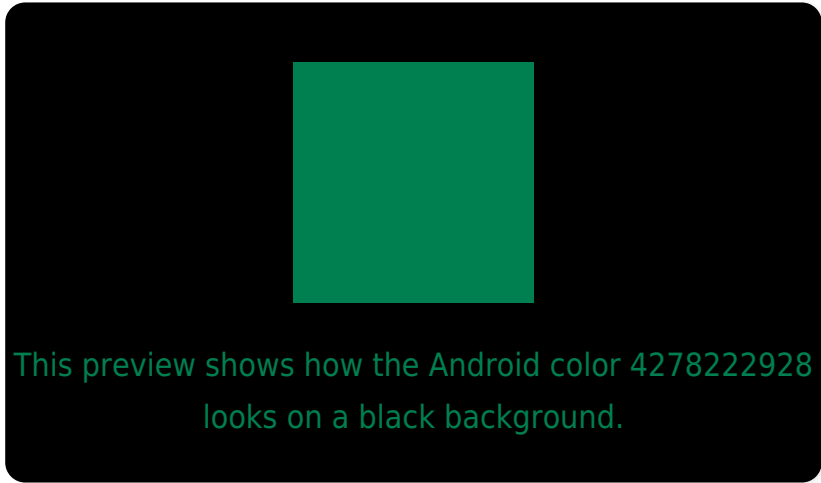
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278222928 Background



This preview shows how black text looks on a background with the Android color 4278222928.



This preview shows how white text looks on a background with the Android color 4278222928.

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
4278222928



Protanomaly
4283266380



Deuteranomaly
4283659091



Tritanomaly
4280122481

Monochromacy



Original Color
4278222928



Achromatopsia
4283716692



Achromatomaly
4281689171

CSS Examples

Text

The CSS property to change the color of the text to Android 4278222928 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, 128, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 80)  
}
```

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, 128, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 80) }
```

Border

The CSS property to change the border of an element to Android 4278222928 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, 128, 80) }
```

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

```
.border{ border-color:rgb(0, 128, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 80);  
box-shadow:4px 4px 4px 4px rgb(0, 128, 80)  
}
```

Background

The CSS property to change the background color of an element to Android 4278222928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 80) }
```

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

```
.background{ background-color: rgb(0, 128,  
80) }
```

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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