

Converting Colors

Android(4278229328)

Have a look what the booklet for
Android(4278229328) contains.

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Color

Android(4278229328)

Conversions

Conversions Part 1

Format	Color
Hex	009950
RGB	0, 153, 80
RGB Percent	0%, 60%, 31%
CMY	1.0000, 0.4000, 0.6863
CMYK	1.00, 0.00, 0.48, 0.40
HSL	151°, 100%, 30%
HSV	151°, 100%, 60%
XYZ	12.8392, 23.3617, 11.4220
YIQ	98.9310, -67.7550, -55.1390

Conversions

Conversions Part 2

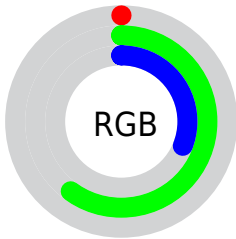
Format	Color
RYB	0, 100, 153
Decimal	39248
CIELab	55.44, -51.39, 28.85
CIELCh	55, 58.940, 150.690
Yxy	23.3617, 0.2696, 0.4906
Android (android.graphics.Color)	4278229328 (0xFF009950)
YUV	98.9310, -9.3330, -86.7625
Hunter-Lab	48.3339, -37.1684, 19.8227

Details

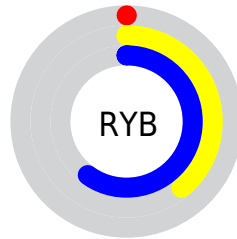
The Android color `4278229328` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288217161`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4283879810`, and `4278215713` is the 20% darker color. If you saturate the color by 10%, you get `4278229328`, and if you desaturate by 10%, it is `4279212375`.

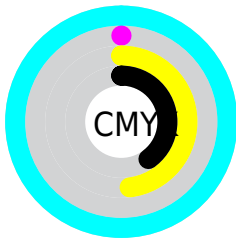
Distribution



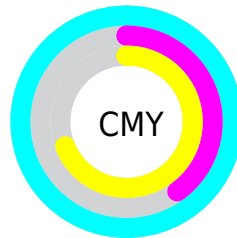
- Red (0%)
- Green (60%)
- Blue (31%)



- Red (0%)
- Yellow (39%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229328 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 4278229328 by changing the saturation by 10% instead.

 4278229328

 4278229328

4294967295

 4278222392

 4283879810

 4278215713

 4285853085


 4278209289

 4287823800

 4278203392

 4289724372

 4278197248

 4291690480


 4278190080

 4293591039

 4278229328

 4279212375

 4280260959

 4281244006

 4282227053

 4283275636

 4284258684

 4285241731

 4286224778

 4287273362

Harmonies

Analogous

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



4285174050



4278229328



4278230404

Triad

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



4278229328



4278225643



4292696660

Complementary

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



4278229328



4288217161

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.



4292760198



4278229328



4286937053

Square

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



4278229328



4278228958



4290994360



4291129129

Rectangle

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



4278229328



4278230439



4290994360



4292892004

Sweetspot

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



4278229328



4287350698



4283078912



4282409810



4293125091



4284703587

Same Dimension

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



4278229328



4278241128



4278228633



4282731849



4278225993



4278193415

Inverse Universe

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



4288217161



4291231839



4288217856



4283254089



4287365187



4279042054

Previews

White Background



This preview shows how the Android color 4278229328 looks on a white background.

Color Contrast Check

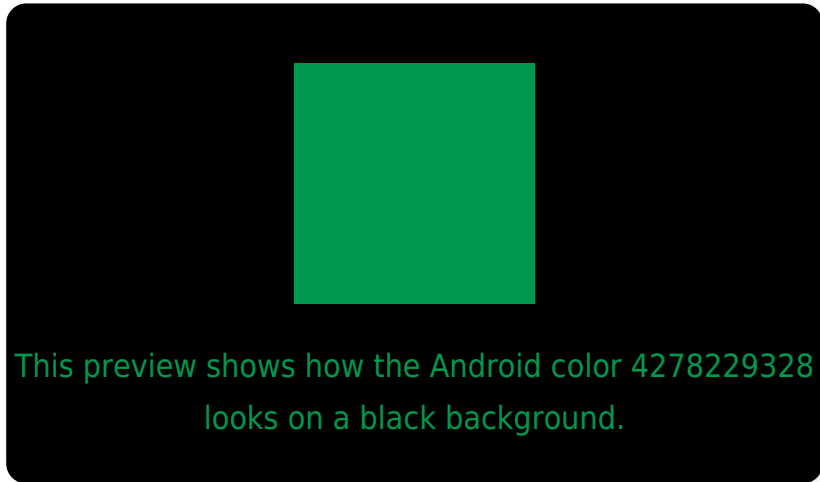
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278229328 Background



This preview shows how black text looks on a background with the Android color 4278229328.



This preview shows how white text looks on a background with the Android color 4278229328.

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
4278229328

Protanopia
4287726664

Deuteranopia
4288642647

Trichromacy



Original Color

4278229328



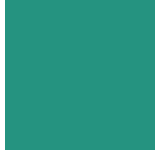
Protanomaly

4284255307



Deuteranomaly

4284844116



Tritanomaly

4280652672

Monochromacy



Original Color

4278229328



Achromatopsia

4284703587



Achromatomaly

4282349404

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229328 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, 153, 80)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 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, 153, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 80) }
```

Border

The CSS property to change the border of an element to Android 4278229328 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, 153, 80) }
```

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

```
.border{ border-color:rgb(0, 153, 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, 153, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 80);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 80)  
}
```

Background

The CSS property to change the background color of an element to Android 4278229328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 80) }
```

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

```
.background{ background-color: rgb(0, 153,  
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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