

Converting Colors

Android(4278229296)

Have a look what the booklet for
Android(4278229296) contains.

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Color

Android(4278229296)

Conversions

Conversions Part 1

Format	Color
Hex	009930
RGB	0, 153, 48
RGB Percent	0%, 60%, 19%
CMY	1.0000, 0.4000, 0.8118
CMYK	1.00, 0.00, 0.69, 0.40
HSL	139°, 100%, 30%
HSV	139°, 100%, 60%
XYZ	11.9247, 22.9959, 6.6065
YIQ	95.2830, -57.4830, -65.0910

Conversions

Conversions Part 2

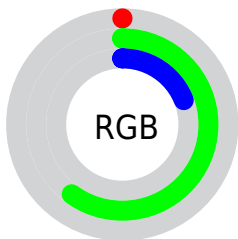
Format	Color
RYB	0, 116, 153
Decimal	39216
CIELab	55.07, -56.02, 43.94
CIELCh	55, 71.198, 141.890
Yxy	22.9959, 0.2872, 0.5538
Android (android.graphics.Color)	4278229296 (0xFF009930)
YUV	95.2830, -23.3105, -83.5632
Hunter-Lab	47.9540, -39.5319, 25.3996

Details

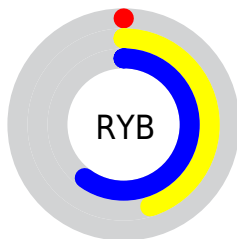
The Android color **4278229296** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4288217193**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4284010851**, and **4278215680** is the 20% darker color. If you saturate the color by 10%, you get **4278229296**, and if you desaturate by 10%, it is **4279212346**.

Distribution



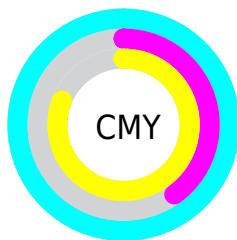
- Red (0%)
- Green (60%)
- Blue (19%)



- Red (0%)
- Yellow (45%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229296 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 4278229296 by changing the saturation by 10% instead.

 4278229296

 4278229296

4294967295

 4278222356

 4284010851

 4278215680

 4285984125

 4278209280

 4287889304

 4278203392

 4289855412

 4278196736

 4291821520


 4278190080

 4293787629

 4278229296

 4279212346

 4280260933

 4281243983

 4282227034

 4283275620

 4284258671

 4285241722

 4286224772

 4287273359

Harmonies

Analogous

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



4285828608



4278229296



4278230640

Triad

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



4278229296



4278227199



4293804890

Complementary

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



4278229296



4288217193

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.



4293410711



4278229296



4284054519

Square

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



4278229296



4278230244



4290534609



4292370463

Rectangle

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



4278229296



4278230940



4290534609



4293934446

Sweetspot

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



4278229296



4287350686



4285241600



4282409803



4293125091



4284703587

Same Dimension

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



4278229296



4278241086



4278229370



4282731847



4278225964



4278193412

Inverse Universe

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



4288217193



4291231881



4288217119



4283254090



4287365216



4279042057

Previews

White Background



This preview shows how the Android color 4278229296 looks on a white background.

Color Contrast Check

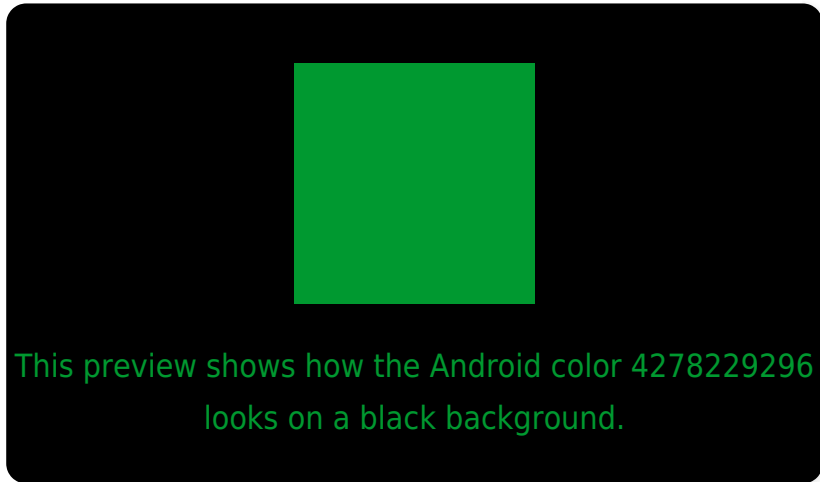
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278229296 Background



This preview shows how black text looks on a background with the Android color 4278229296.



This preview shows how white text looks on a background with the Android color 4278229296.

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
4278229296

Protanopia
4287857450

Deuteranopia
4288838970

Trichromacy



Original Color

4278229296



Protanomaly

4284386092



Deuteranomaly

4284974902



Tritanomaly

4280783732

Monochromacy



Original Color

4278229296



Achromatopsia

4284440415



Achromatomaly

4282152014

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229296 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 48) }
```

Border

The CSS property to change the border of an element to Android 4278229296 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, 48) }
```

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

```
.border{ border-color:rgb(0, 153, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 48)  
}
```

Background

The CSS property to change the background color of an element to Android 4278229296 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, 48) }
```

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

```
.background{ background-color: rgb(0, 153,  
48) }
```

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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