

Converting Colors

Android(4278232616)

Have a look what the booklet for
Android(4278232616) contains.

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Color

Android(4278232616)

Conversions

Conversions Part 1

Format	Color
Hex	00A628
RGB	0, 166, 40
RGB Percent	0%, 65%, 16%
CMY	1.0000, 0.3490, 0.8431
CMYK	1.00, 0.00, 0.76, 0.35
HSL	134°, 100%, 33%
HSV	134°, 100%, 65%
XYZ	14.0192, 27.4256, 6.5623
YIQ	102.0020, -58.4900, -74.3780

Conversions

Conversions Part 2

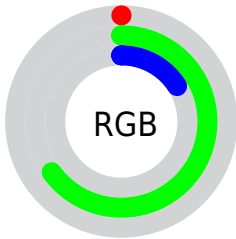
Format	Color
RYB	0, 134, 166
Decimal	42536
CIELab	59.37, -60.68, 51.53
CIELCh	59, 79.603, 139.661
Yxy	27.4256, 0.2920, 0.5713
Android (android.graphics.Color)	4278232616 (0xFF00A628)
YUV	102.0020, -30.5670, -89.4558
Hunter-Lab	52.3695, -43.8625, 29.2292

Details

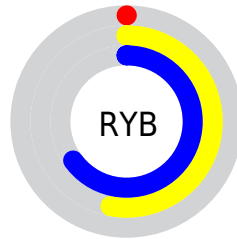
The Android color `4278232616` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289069182`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284276318`, and `4278218752` is the 20% darker color. If you saturate the color by 10%, you get `4278232616`, and if you desaturate by 10%, it is `4279346741`.

Distribution



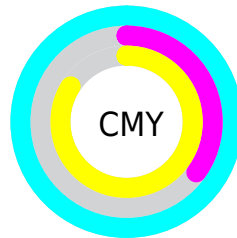
- Red (0%)
- Green (65%)
- Blue (16%)



- Red (0%)
- Yellow (53%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232616 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 4278232616 by changing the saturation by 10% instead.

 4278232616

 4278232616

4294967295

 4278225667

 4284276318

 4278218752

 4286315641

 4278212096

 4288348052

 4278205952

 4290314159

 4278199808

 4292280268


 4278190080

 4294246376

 4278232616

 4279346741

 4280395329

 4281509454

 4282558042

 4283672167

 4284786292

 4285834880

 4286949005

 4287997593

Harmonies

Analogous

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



4286683392



4278232616



4278234227

Triad

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



4278232616



4278231039



4294917989

Complementary

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



4278232616



4289069182

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.



4294852266



4278232616



4283009023

Square

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



4278232616



4278233849



4291388395



4293944096

Rectangle

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



4278232616



4278234788



4291388395



4294916219

Sweetspot

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



4278232616



4288207271



4286555648



4282805840



4293783021



4285427310

Same Dimension

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



4278232616



4278245684



4278232698



4283192398



4278228004



4278195205

Inverse Universe

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



4289069182



4292411557



4289069100



4283714642



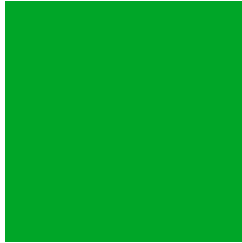
4287889520



4279500815

Previews

White Background



This preview shows how the Android color 4278232616 looks on a white background.

Color Contrast Check

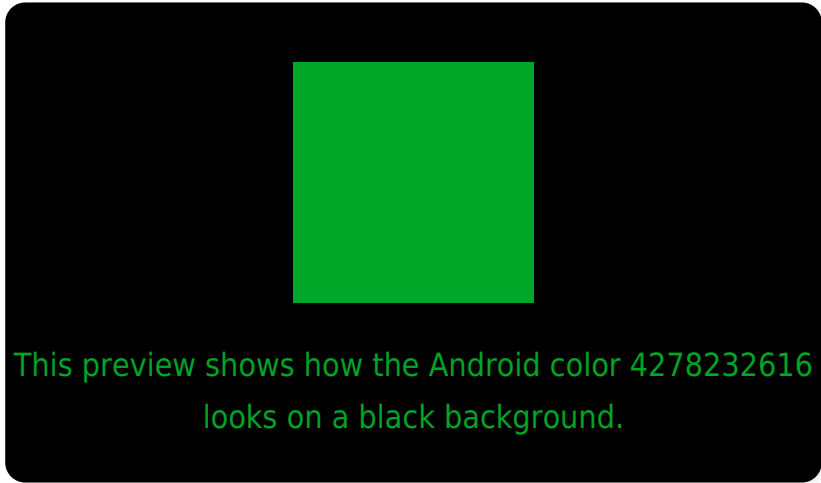
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278232616 Background



This preview shows how black text looks on a background with the Android color 4278232616.



This preview shows how white text looks on a background with the Android color 4278232616.

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

4278232616



Protanomaly

4284913444



Deuteranomaly

4285633072



Tritanomaly

4281048953

Monochromacy



Original Color

4278232616



Achromatopsia

4284900966



Achromatomaly

4282481999

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232616 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, 166, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 40)  
}
```

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, 166, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 40) }
```

Border

The CSS property to change the border of an element to Android 4278232616 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, 166, 40) }
```

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

```
.border{ border-color:rgb(0, 166, 40) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 40);  
box-shadow:4px 4px 4px 4px rgb(0, 166, 40)  
}
```

Background

The CSS property to change the background color of an element to Android 4278232616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 40) }
```

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

```
.background{ background-color: rgb(0, 166,  
40) }
```

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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