

Converting Colors

Android(4278232648)

Have a look what the booklet for
Android(4278232648) contains.

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Color

Android(4278232648)

Conversions

Conversions Part 1

Format	Color
Hex	00A648
RGB	0, 166, 72
RGB Percent	0%, 65%, 28%
CMY	1.0000, 0.3490, 0.7176
CMYK	1.00, 0.00, 0.57, 0.35
HSL	146°, 100%, 33%
HSV	146°, 100%, 65%
XYZ	14.8059, 27.7403, 10.7050
YIQ	105.6500, -68.7620, -64.4260

Conversions

Conversions Part 2

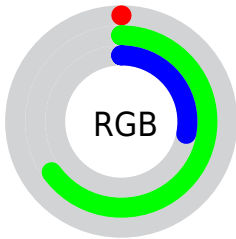
Format	Color
RYB	0, 116, 166
Decimal	42568
CIELab	59.65, -57.06, 38.13
CIELCh	60, 68.628, 146.249
Yxy	27.7403, 0.2780, 0.5209
Android (android.graphics.Color)	4278232648 (0xFF00A648)
YUV	105.6500, -16.5894, -92.6550
Hunter-Lab	52.6691, -41.9924, 24.8177

Details

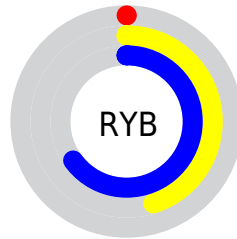
The Android color `4278232648` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289069150`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284210811`, and `4278218774` is the 20% darker color. If you saturate the color by 10%, you get `4278232648`, and if you desaturate by 10%, it is `4279346769`.

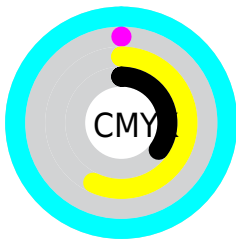
Distribution



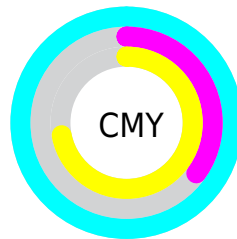
- Red (0%)
- Green (65%)
- Blue (28%)



- Red (0%)
- Yellow (45%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232648 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 4278232648 by changing the saturation by 10% instead.

 4278232648

 4278232648

4294967295

 4278225711

 4284210811

 4278218774

 4286249877

 4278212352

 4288151473

 4278205952

 4290117581

 4278200064

 4292083689


 4278190080

 4294049791

 4278232648

 4279346769

 4280395355

 4281509476

 4282558062

 4283672183

 4284786304

 4285834890

 4286949011

 4287997597

Harmonies

Analogous

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



4286094341



4278232648



4278233990

Triad

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



4278232648



4278229503



4294465630

Complementary

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



4278232648



4289069150

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.



4294332826



4278232648



4286481405

Square

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



4278232648



4278232820



4291913428



4292833575

Rectangle

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



4278232648



4278234032



4291913428



4294660722

Sweetspot

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



4278232648



4288207284



4284392960



4282805847



4293783021



4285427310

Same Dimension

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



4278232648



4278245726



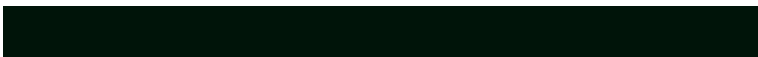
4278232731



4283192399



4278228032



4278195209

Inverse Universe

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



4289069150



4292411515



4289069067



4283714641



4287889492



4279500812

Previews

White Background



This preview shows how the Android color 4278232648 looks on a white background.

Color Contrast Check

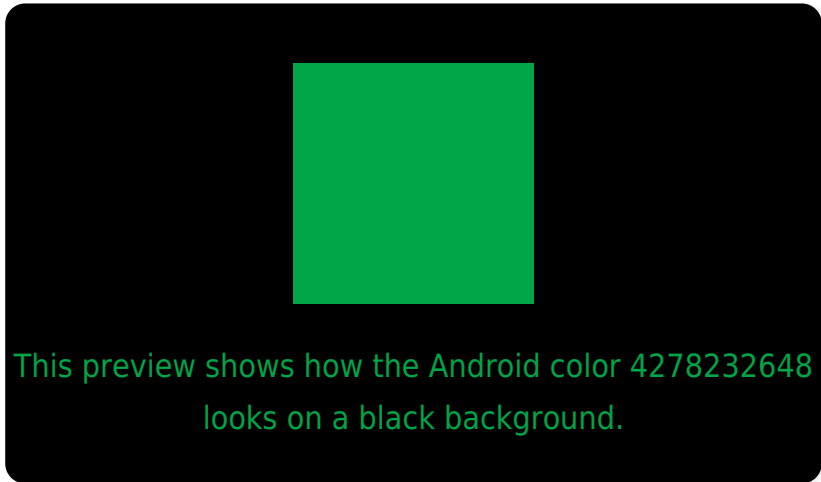
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278232648 Background



This preview shows how black text looks on a background with the Android color 4278232648.



This preview shows how white text looks on a background with the Android color 4278232648.

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
4278232648

Protanopia
4288581441

Deuteranopia
4289628240

Trichromacy



Original Color

4278232648



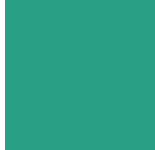
Protanomaly

4284847940



Deuteranomaly

4285502285



Tritanomaly

4280918150

Monochromacy



Original Color

4278232648



Achromatopsia

4285164138



Achromatomaly

4282613854

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232648 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 72) }
```

Border

The CSS property to change the border of an element to Android 4278232648 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, 72) }
```

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

```
.border{ border-color:rgb(0, 166, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 166, 72)  
}
```

Background

The CSS property to change the background color of an element to Android 4278232648 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, 72) }
```

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

```
.background{ background-color: rgb(0, 166,  
72) }
```

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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