

Converting Colors

Android(4278245444)

Have a look what the booklet for
Android(4278245444) contains.

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Color

Android(4278245444)

Conversions

Conversions Part 1

Format	Color
Hex	00D844
RGB	0, 216, 68
RGB Percent	0%, 85%, 27%
CMY	1.0000, 0.1529, 0.7333
CMYK	1.00, 0.00, 0.69, 0.15
HSL	139°, 100%, 42%
HSV	139°, 100%, 85%
XYZ	25.5993, 49.5291, 13.6797
YIQ	134.5440, -81.2280, -91.8200

Conversions

Conversions Part 2

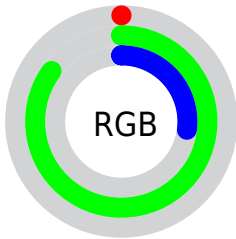
Format	Color
RYB	0, 164, 216
Decimal	55364
CIELab	75.78, -72.70, 58.07
CIELCh	76, 93.047, 141.384
Yxy	49.5291, 0.2883, 0.5577
Android (android.graphics.Color)	4278245444 (0xFF00D844)
YUV	134.5440, -32.8062, -117.9951
Hunter-Lab	70.3769, -58.2311, 37.7392

Details

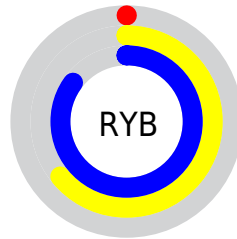
The Android color `4278245444` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292346004`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285267835`, and `4278230784` is the 20% darker color. If you saturate the color by 10%, you get `4278245444`, and if you desaturate by 10%, it is `4279687251`.

Distribution



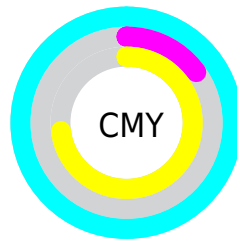
- Red (0%)
- Green (85%)
- Blue (27%)



- Red (0%)
- Yellow (64%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278245444 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 4278245444 by changing the saturation by 10% instead.

 4278245444

 4278245444

4294967295

 4278237991

 4285267835

 4278230784

 4287430551

 4278223872

 4289527731

 4278216960

 4291559375

 4278210304

 4293656556


 4278204160

 4278197504

 4278190080

 4278245444

 4279687251

 4281063522

 4282505328

 4283881599

 4285323406

 4286765213

 4288141484

 4289583290

 4290959561

Harmonies

Analogous

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



4289120512



4278245444



4278247326

Triad

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



4278245444



4278242815



4294926210

Complementary

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



4278245444



4292346004

Split Complementary

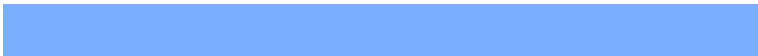
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294925271



4278245444



4286230527

Square

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



4278245444



4278246655



4294935807



4294936623

Rectangle

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



4278245444



4278247898



4294935807



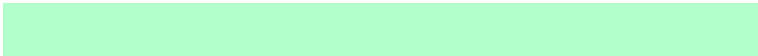
4294924190

Sweetspot

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



4278245444



4289986507



4288141312



4283596896



4278190080



4286611584

Same Dimension

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



4278245444



4278255440



4278245549



4284509028



4278233910



4278201102

Inverse Universe

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



4292346004



4294901935



4292345899



4285227112



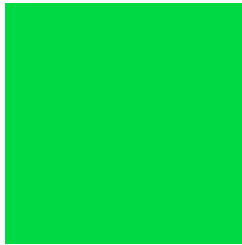
4289396853



4281008158

Previews

White Background



This preview shows how the Android color 4278245444 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278245444 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278245444 Background



This preview shows how black text looks on a background with the Android color 4278245444.

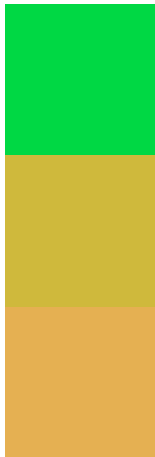


This preview shows how white text looks on a background with the Android color 4278245444.

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
4278245444

Protanopia
4291803452

Deuteranopia
4293242962

Trichromacy



Original Color

4278245444



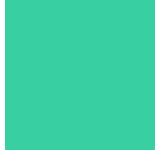
Protanomaly

4286891071



Deuteranomaly

4287807309



Tritanomaly

4281913251

Monochromacy



Original Color

4278245444



Achromatopsia

4287072135



Achromatomaly

4283868271

CSS Examples

Text

The CSS property to change the color of the text to Android 4278245444 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, 216, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 216, 68)  
}
```

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, 216, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 216, 68) }
```

Border

The CSS property to change the border of an element to Android 4278245444 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, 216, 68) }
```

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

```
.border{ border-color:rgb(0, 216, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 216, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 216, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 216, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 216, 68)  
}
```

Background

The CSS property to change the background color of an element to Android 4278245444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 216, 68) }
```

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

```
.background{ background-color: rgb(0, 216,  
68) }
```

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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