

Converting Colors

Android(4278216505)

Have a look what the booklet for
Android(4278216505) contains.

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Color

Android(4278216505)

Conversions

Conversions Part 1

Format	Color
Hex	006739
RGB	0, 103, 57
RGB Percent	0%, 40%, 22%
CMY	1.0000, 0.5961, 0.7765
CMYK	1.00, 0.00, 0.45, 0.60
HSL	153°, 100%, 20%
HSV	153°, 100%, 40%
XYZ	5.5888, 9.9959, 5.5057
YIQ	66.9590, -46.6220, -36.1420

Conversions

Conversions Part 2

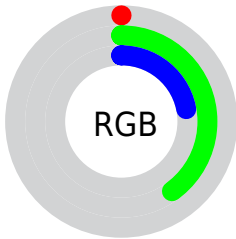
Format	Color
RYB	0, 66, 103
Decimal	26425
CIELab	37.84, -37.62, 18.86
CIELCh	38, 42.082, 153.371
Yxy	9.9959, 0.2650, 0.4740
Android (android.graphics.Color)	4278216505 (0xFF006739)
YUV	66.9590, -4.9098, -58.7230
Hunter-Lab	31.6163, -23.7753, 11.8065

Details

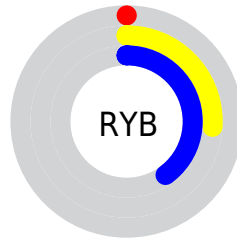
The Android color **4278216505** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284940334**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4282817385**, and **4278204174** is the 20% darker color. If you saturate the color by 10%, you get **4278216505**, and if you desaturate by 10%, it is **4278871870**.

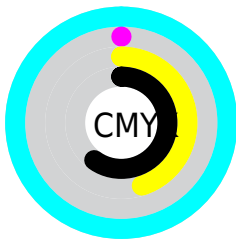
Distribution



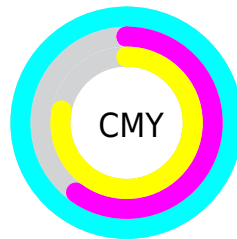
- Red (0%)
- Green (40%)
- Blue (22%)



- Red (0%)
- Yellow (26%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216505 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 4278216505 by changing the saturation by 10% instead.

 4278216505

 4278216505

4294967295

 4278210083

 4282817385

 4278204174

 4284659330


 4278198784

 4286435996

 4278190080

 4288212919

 4290117587

 4291952623

 4293853183

 4278216505

■ 4278871870

■ 4279592770

■ 4280248135

■ 4280903499

■ 4281624400

■ 4282279765

■ 4282935129

■ 4283590494

■ 4284311394

Harmonies

Analogous

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



4282671643



4278216505



4278217052

Triad

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



4278216505



4278213789



4287839798

Complementary

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



4278216505



4284940334

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.



4288034903



4278216505



4284436114

Square

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



4278216505



4278215830



4286922872



4286729242

Rectangle

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



4278216505



4278217075



4286922872



4288035648

Sweetspot

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



4278216505



4284450677



4281231104



4281091386



4291085508



4282729797

Same Dimension

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



4278216505



4278224715



4278215271



4281217841



4278219584



4278252166

Inverse Universe

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



4284940334



4287037500



4284941568



4281544240



4285726771



4294049900

Previews

White Background



This preview shows how the Android color 4278216505 looks on a white background.

Color Contrast Check

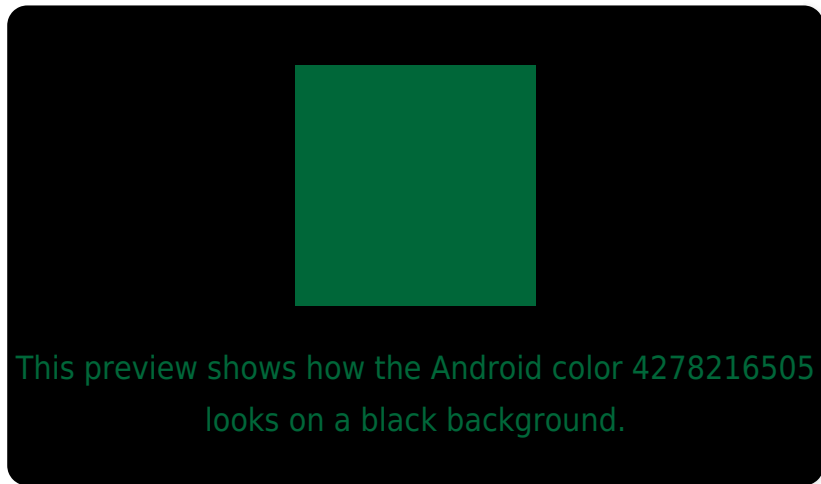
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4278216505 Background



This preview shows how black text looks on a background with the Android color 4278216505.



This preview shows how white text looks on a background with the Android color 4278216505.

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
4278216505

Protanopia
4284635444

Deuteranopia
4285158717

Trichromacy



Original Color

4278216505



Protanomaly

4282277430



Deuteranomaly

4282604604



Tritanomaly

4279788376

Monochromacy



Original Color

4278216505



Achromatopsia

4282598211



Achromatomaly

4281028671

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216505 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, 103, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 57)  
}
```

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, 103, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 57) }
```

Border

The CSS property to change the border of an element to Android 4278216505 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, 103, 57) }
```

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

```
.border{ border-color:rgb(0, 103, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 103, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 103, 57)  
}
```

Background

The CSS property to change the background color of an element to Android 4278216505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 57) }
```

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

```
.background{ background-color: rgb(0, 103,  
57) }
```

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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