

Converting Colors

Android(4278218036)

Have a look what the booklet for
Android(4278218036) contains.

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Color

Android(4278218036)

Conversions

Conversions Part 1

Format	Color
Hex	006D34
RGB	0, 109, 52
RGB Percent	0%, 43%, 20%
CMY	1.0000, 0.5725, 0.7961
CMYK	1.00, 0.00, 0.52, 0.57
HSL	149°, 100%, 21%
HSV	149°, 100%, 43%
XYZ	6.0885, 11.1852, 5.0869
YIQ	69.9110, -46.6670, -40.8350

Conversions

Conversions Part 2

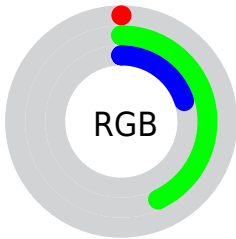
Format	Color
RYB	0, 74, 109
Decimal	27956
CIELab	39.89, -40.85, 24.33
CIELCh	40, 47.545, 149.220
Yxy	11.1852, 0.2723, 0.5002
Android (android.graphics.Color)	4278218036 (0xFF006D34)
YUV	69.9110, -8.8301, -61.3119
Hunter-Lab	33.4443, -26.0319, 14.3930

Details

The Android color **4278218036** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4285333561**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4282950244**, and **4278205446** is the 20% darker color. If you saturate the color by 10%, you get **4278218036**, and if you desaturate by 10%, it is **4278938938**.

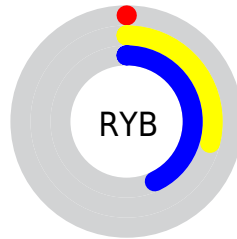
Distribution



Red (0%)

Green (43%)

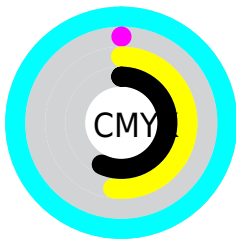
Blue (20%)



Red (0%)

Yellow (29%)

Blue (43%)

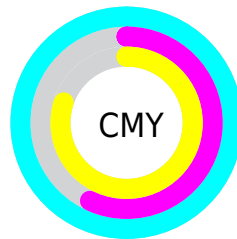


Cyan (100%)

Magenta (0%)

Yellow (52%)

Black (57%)



Cyan (100%)

Magenta (57%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218036 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 4278218036 by changing the saturation by 10% instead.

 4278218036

 4278218036

4294967295

 4278211614

 4282950244

 4278205446

 4284792189

 4278200064

 4286634391

 4278190080

 4288476850

 4290314190

 4292214762


 4294115327

 4278218036

 4278938938

 4279659839

 4280380741

 4281101643

 4281822544

 4282477910

 4283198812

 4283919714

 4284640615

Harmonies

Analogous

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



4283131664



4278218036



4278218844

Triad

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



4278218036



4278215596



4288757051

Complementary

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



4278218036



4285333561

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.



4288755553



4278218036



4284175522

Square

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



4278218036



4278217888



4287316614



4287581465

Rectangle

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



4278218036



4278218870



4287316614



4288887111

Sweetspot

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



4278218036



4284780408



4282019072



4281222970



4291282887



4282861383

Same Dimension

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



4278218036



4278226756



4278218089



4281349683



4278220088



4278252917

Inverse Universe

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



4285333561



4287561803



4285333508



4281741363



4285857853



4294246528

Previews

White Background



This preview shows how the Android color 4278218036 looks on a white background.

Color Contrast Check

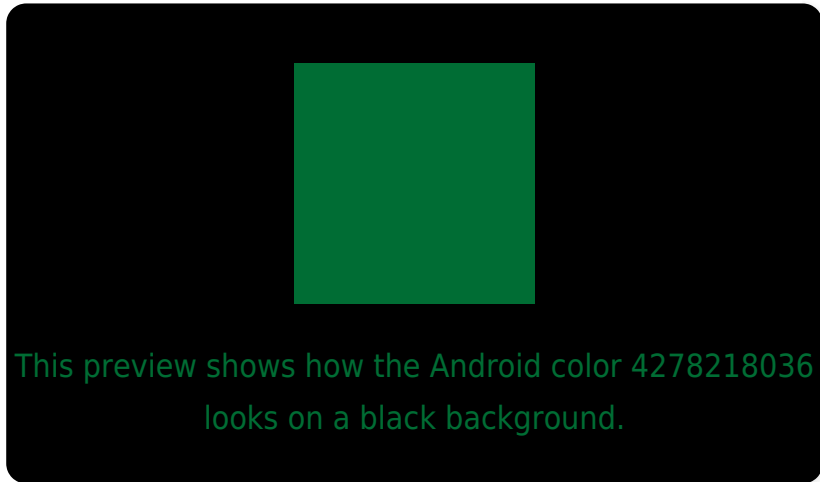
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4278218036 Background



This preview shows how black text looks on a background with the Android color 4278218036.



This preview shows how white text looks on a background with the Android color 4278218036.

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
4278218036

Protanopia
4285029935

Deuteranopia
4285684281

Trichromacy



Original Color

4278218036



Protanomaly

4282540849



Deuteranomaly

4282999095



Tritanomaly

4279986522

Monochromacy



Original Color

4278218036



Achromatopsia

4282795590



Achromatomaly

4281160767

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218036 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, 109, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 52)  
}
```

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, 109, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 52) }
```

Border

The CSS property to change the border of an element to Android 4278218036 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, 109, 52) }
```

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

```
.border{ border-color:rgb(0, 109, 52) }
```

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

Here you see how a box with a 4 pixel rgb(0, 109, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 52)  
}
```

Background

The CSS property to change the background color of an element to Android 4278218036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 52) }
```

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

```
.background{ background-color: rgb(0, 109,  
52) }
```

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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