

Converting Colors

Android(4278217524)

Have a look what the booklet for
Android(4278217524) contains.

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Color

Android(4278217524)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 006B34 |
| RGB | 0, 107, 52 |
| RGB Percent | 0%, 42%, 20% |
| CMY | 1.0000, 0.5804, 0.7961 |
| CMYK | 1.00, 0.00, 0.51, 0.58 |
| HSL | 149°, 100%, 21% |
| HSV | 149°, 100%, 42% |
| XYZ | 5.8775, 10.7633, 5.0166 |
| YIQ | 68.7370, -46.1170, -39.7890 |

Conversions

Conversions Part 2

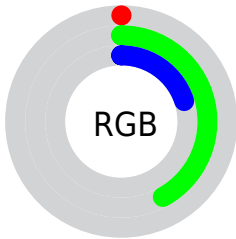
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 72, 107 |
| Decimal | 27444 |
| CIELab | 39.18, -40.12, 23.44 |
| CIELCh | 39, 46.463, 149.706 |
| Yxy | 10.7633, 0.2714, 0.4970 |
| Android (android.graphics.Color) | 4278217524 (0xFF006B34) |
| YUV | 68.7370, -8.2513, -60.2823 |
| Hunter-Lab | 32.8075, -25.4345, 13.8993 |

Details

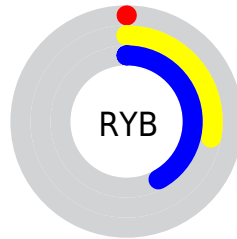
The Android color **4278217524** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4285202487**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4282949476**, and **4278204935** is the 20% darker color. If you saturate the color by 10%, you get **4278217524**, and if you desaturate by 10%, it is **4278938426**.

Distribution



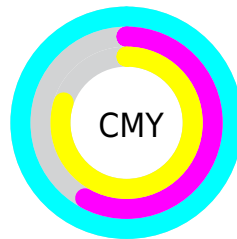
- Red (0%)
- Green (42%)
- Blue (20%)



- Red (0%)
- Yellow (28%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217524 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 4278217524 by changing the saturation by 10% instead.

 4278217524

 4278217524

4294967295

 4278211102

 4282949476

 4278204935

 4284726141

 4278199808

 4286568343

 4278190080

 4288410802

 4290248653

 4292149226

 4294049791

 4278217524

■ 4278938426

■ 4279593791

■ 4280314693

■ 4281035594

■ 4281756496

■ 4282411861

■ 4283132763

■ 4283853664

■ 4284509030

Harmonies

Analogous

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



4283065618



4278217524



4278218331

Triad

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



4278217524



4278215080



4288560185

Complementary

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



4278217524



4285202487

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.



4288558686



4278217524



4284109470

Square

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



4278217524



4278217373



4287185283



4287384601

Rectangle

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



4278217524



4278218357



4287185283



4288690501

Sweetspot

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



4278217524



4284648567



4281821952



4281222970



4291282887



4282861383

Same Dimension

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



4278217524



4278225988



4278217577



4281349683



4278220089



4278252919

Inverse Universe

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



4285202487



4287365192



4285202434



4281741363



4285857852



4294246526

Previews

White Background



This preview shows how the Android color 4278217524 looks on a white background.

Color Contrast Check

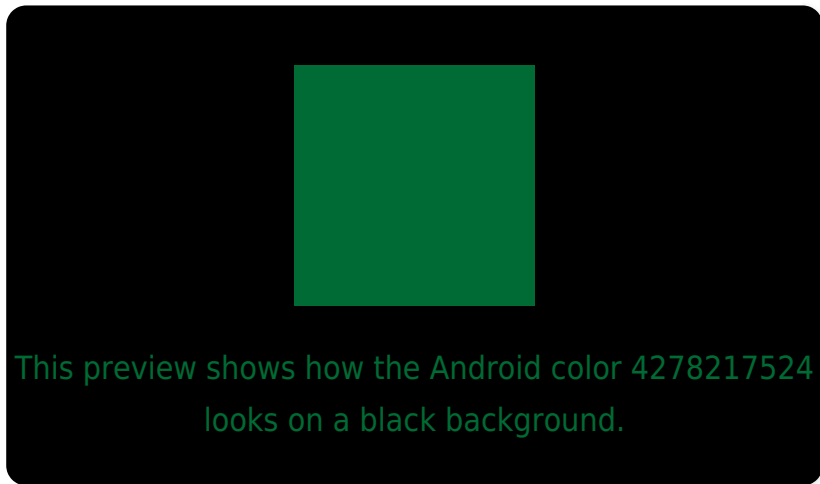
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278217524 Background



This preview shows how black text looks on a background with the Android color 4278217524.



This preview shows how white text looks on a background with the Android color 4278217524.

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
4278217524

Protanopia
4284898351

Deuteranopia
4285552697

Trichromacy



Original Color

4278217524



Protanomaly

4282474801



Deuteranomaly

4282867511



Tritanomaly

4279920472

Monochromacy



Original Color

4278217524



Achromatopsia

4282729797



Achromatomaly

4281094975

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217524 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, 107, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 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, 107, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 52) }
```

Border

The CSS property to change the border of an element to Android 4278217524 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, 107, 52) }
```

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

```
.border{ border-color:rgb(0, 107, 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, 107, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 52)  
}
```

Background

The CSS property to change the background color of an element to Android 4278217524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 52) }
```

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

```
.background{ background-color: rgb(0, 107,  
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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