

Converting Colors

Android(4278218833)

Have a look what the booklet for
Android(4278218833) contains.

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Color

Android(4278218833)

Conversions

Conversions Part 1

Format	Color
Hex	007051
RGB	0, 112, 81
RGB Percent	0%, 44%, 32%
CMY	1.0000, 0.5608, 0.6824
CMYK	1.00, 0.00, 0.28, 0.56
HSL	163°, 100%, 22%
HSV	163°, 100%, 44%
XYZ	7.2794, 12.1824, 9.7524
YIQ	74.9780, -56.8010, -33.3850

Conversions

Conversions Part 2

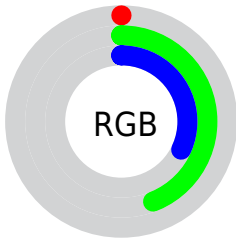
Format	Color
RYB	0, 65, 112
Decimal	28753
CIELab	41.50, -35.53, 9.66
CIELCh	42, 36.820, 164.787
Yxy	12.1824, 0.2492, 0.4170
Android (android.graphics.Color)	4278218833 (0xFF007051)
YUV	74.9780, 2.9688, -65.7557
Hunter-Lab	34.9033, -23.8532, 7.8661

Details

The Android color **4278218833** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4285530143**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4283082114**, and **4278206244** is the 20% darker color. If you saturate the color by 10%, you get **4278218833**, and if you desaturate by 10%, it is **4278939732**.

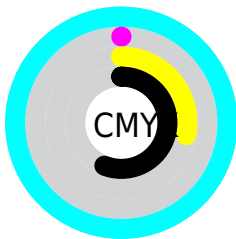
Distribution



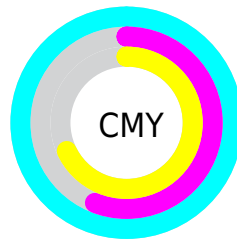
- Red (0%)
- Green (44%)
- Blue (32%)



- Red (0%)
- Yellow (25%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (68%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218833 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 4278218833 by changing the saturation by 10% instead.

 4278218833

 4278218833

4294967295

 4278212410

 4283082114

 4278206244

 4284924060

 4278200592

 4286700727

 4278192640

 4288543187

 4278190080

 4290445295

 4292280319

 4294246399

 4278218833

■ 4278939732

■ 4279660631

■ 4280447066

■ 4281167965

■ 4281888865

■ 4282609764

■ 4283330663

■ 4284117098

■ 4284837997

Harmonies

Analogous

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



4282608693



4278218833



4278219120

Triad

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



4278218833



4282998940



4287844153

Complementary

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



4278218833



4285530143

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.



4288301140



4278218833



4286010509

Square

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



4278218833



4278217372



4287777395



4286602022

Rectangle

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



4278218833



4278218884



4287777395



4288105537

Sweetspot

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



4278218833



4284912005



4280315904



4281289283



4291414473



4283058762

Same Dimension

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



4278218833



4278227305



4278212720



4281481271



4278220887



4278253491

Inverse Universe

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



4285530143



4287692840



4285536256



4281872948



4286054433



4294377540

Previews

White Background



This preview shows how the Android color 4278218833 looks on a white background.

Color Contrast Check

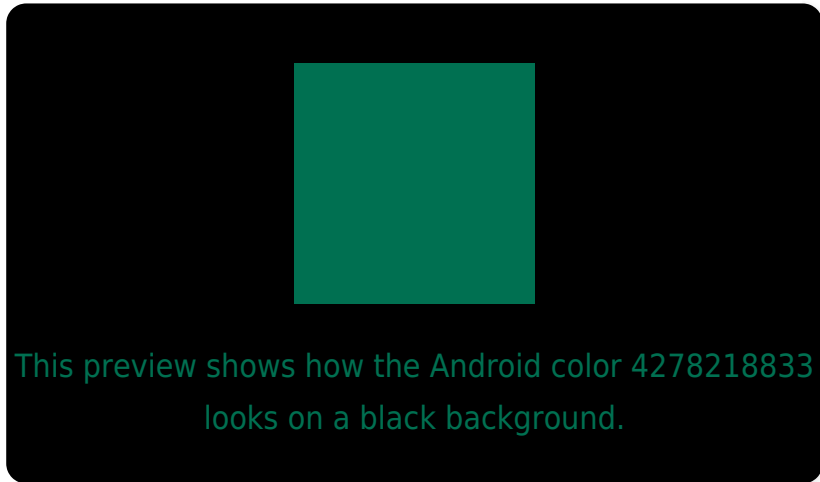
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218833 Background



This preview shows how black text looks on a background with the Android color 4278218833.

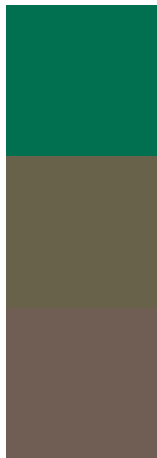


This preview shows how white text looks on a background with the Android color 4278218833.

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
4278218833

Protanopia
4285096522

Deuteranopia
4285554261

Trichromacy



Original Color
4278218833

Protanomaly
4282607437

Deuteranomaly
4282869076

Tritanomaly
4279790951

Monochromacy



Original Color
4278218833

Achromatopsia
4283124555

Achromatomaly
4281358413

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218833 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, 112, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 81)  
}
```

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, 112, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 81) }
```

Border

The CSS property to change the border of an element to Android 4278218833 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, 112, 81) }
```

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

```
.border{ border-color:rgb(0, 112, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 112, 81)  
}
```

Background

The CSS property to change the background color of an element to Android 4278218833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 81) }
```

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

```
.background{ background-color: rgb(0, 112,  
81) }
```

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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