

Converting Colors

Android(4278333999)

Have a look what the booklet for
Android(4278333999) contains.

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Color

Android(4278333999)

Conversions

Conversions Part 1	
Format	Color
Hex	02322F
RGB	2, 50, 47
RGB Percent	1%, 20%, 18%
CMY	0.9922, 0.8039, 0.8157
CMYK	0.96, 0.00, 0.06, 0.80
HSL	176°, 92%, 10%
HSV	176°, 96%, 20%
XYZ	1.6787, 2.4993, 3.0833
YIQ	35.3060, -27.6450, -11.1090

Conversions

Conversions Part 2

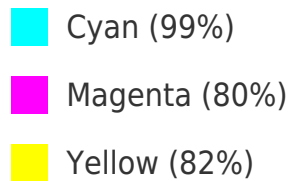
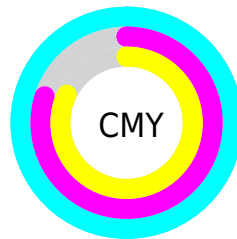
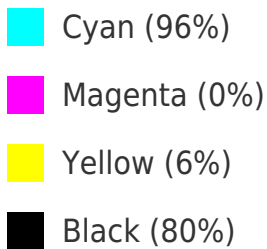
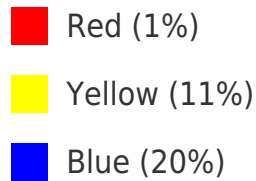
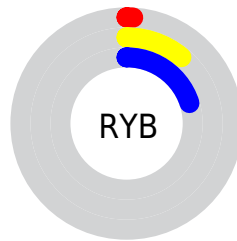
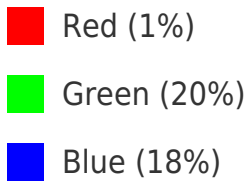
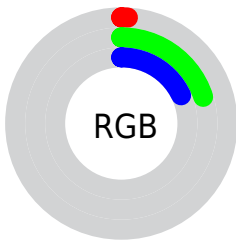
Format	Color
RYB	2, 27, 50
Decimal	143919
CIELab	17.92, -15.98, -2.49
CIELCh	18, 16.168, 188.841
Yxy	2.4993, 0.2312, 0.3442
Android (android.graphics.Color)	4278333999 (0xFF02322F)
YUV	35.3060, 5.7651, -29.2094
Hunter-Lab	15.8093, -8.7121, -0.4967

Details

The Android color **4278333999** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281467397**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4281753949**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202927**, and if you desaturate by 10%, it is **4278661679**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4278333999 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 4278333999 by changing the saturation by 10% instead.

 4278333999

 4278333999

 4293984255

 4278197530

 4281753949

 4278190080

 4283333237

 4284978063

 4286688937

 4288465605

 4290242273

 4292083709

 4278333999

 4278333999

■ 4278202927

■ 4278661679

■ 4278989360

■ 4279317040

■ 4279644720

■ 4279972401

■ 4280300081

■ 4280627761

■ 4280955442

■ 4281283122

Harmonies

Analogous

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



[4279513379](#)



[4278333999](#)



[4278202682](#)

Triad

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



4278333999



4281477182



4282001430

Complementary

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



4278333999



4281467397

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.



4282459166



4278333999



4282197044

Square

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



4278333999



4280298563



4282524457



4281347092

Rectangle

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



4278333999



4278267967



4282524457



4282197784

Sweetspot

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



4278333999



4281155647



4278530562



4279640352



4288782753



4280361249

Same Dimension

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



4278333999



4278206524



4278328626



4279704089



4278212948



4278245835

Inverse Universe

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



4281467397



4282384388



4281472770



4279899927



4284022790



4292411406

Previews

White Background



This preview shows how the Android color 4278333999 looks on a white background.

Color Contrast Check

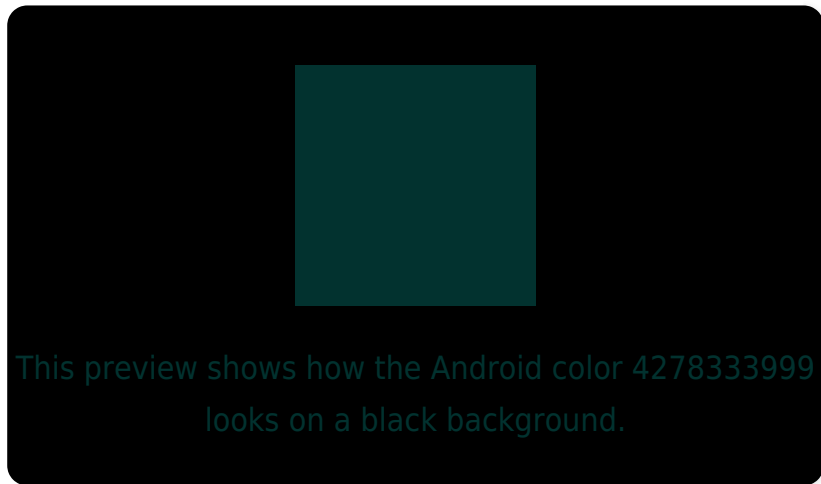
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

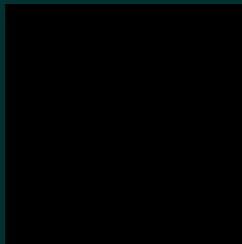
Any Text WCAG AA × Fail

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 4278333999 Background



This preview shows how black text looks on a background with the Android color 4278333999.



This preview shows how white text looks on a background with the Android color 4278333999.

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

4278333999

Protanopia

4281150508


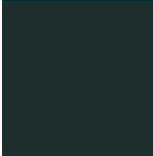
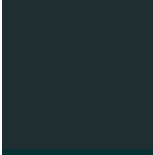

Deuteranopia

4281281329


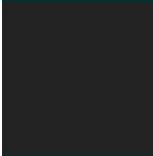
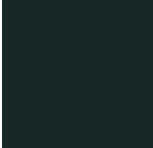


Tritanopia
4278989109

Trichromacy

	Original Color 4278333999
	Protanomaly 4280102445
	Deuteranomaly 4280233520
	Tritanomaly 4278726963

Monochromacy

	Original Color 4278333999
	Achromatopsia 4280492835
	Achromatomaly 4279707687

CSS Examples

Text

The CSS property to change the color of the text to Android 4278333999 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(2, 50, 47)` looks like.

```
.text, #text, p{  
    color:rgb(2, 50, 47)  
}
```

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(2, 50, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 50, 47) }
```

Border

The CSS property to change the border of an element to Android 4278333999 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(2, 50, 47) }
```

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

```
.border{ border-color:rgb(2, 50, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 50, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 50, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 50, 47); box-shadow:4px  
4px 4px 4px rgb(2, 50, 47) }
```

Background

The CSS property to change the background color of an element to Android 4278333999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 50, 47) }
```

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

```
.background{ background-color: rgb(2, 50,  
47) }
```

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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