

Converting Colors

Android(4278333723)

Have a look what the booklet for
Android(4278333723) contains.

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Color

Android(4278333723)

Conversions

Conversions Part 1

Format	Color
Hex	02311B
RGB	2, 49, 27
RGB Percent	1%, 19%, 11%
CMY	0.9922, 0.8078, 0.8941
CMYK	0.96, 0.00, 0.45, 0.81
HSL	152°, 92%, 10%
HSV	152°, 96%, 19%
XYZ	1.3212, 2.2887, 1.4090
YIQ	32.4390, -20.9500, -16.8060

Conversions

Conversions Part 2

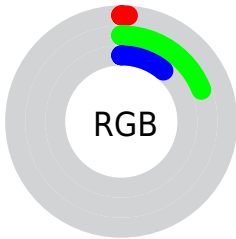
Format	Color
R_YB	2, 33, 49
Decimal	143643
CIE _{Lab}	16.93, -21.74, 9.83
CIE _{LCh}	17, 23.858, 155.672
Y _{xy}	2.2887, 0.2632, 0.4560
Android (android.graphics.Color)	4278333723 (0xFF02311B)
YUV	32.4390, -2.6814, -26.6950
Hunter-Lab	15.1283, -10.8859, 5.0676

Details

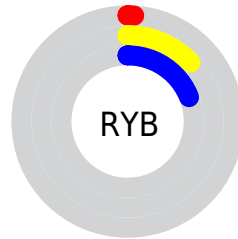
The Android color **4278333723** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281401880**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281622598**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202650**, and if you desaturate by 10%, it is **4278661405**.

Distribution



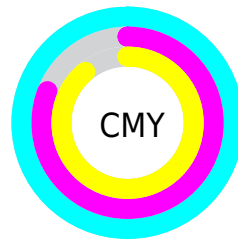
- Red (1%)
- Green (19%)
- Blue (11%)



- Red (1%)
- Yellow (13%)
- Blue (19%)



- Cyan (96%)
- Magenta (0%)
- Yellow (45%)
- Black (81%)



- Cyan (99%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278333723 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 4278333723 by changing the saturation by 10% instead.

 4278333723

 4278333723

 4293787647

 4278197504

 4281622598

 4278190080


 4283201886

 4284846967

 4286557585

 4288268715

 4290045382

 4291887074

 4278333723

 4278333723

■ 4278202650

■ 4278661405

■ 4278989088

■ 4279316770

■ 4279644452

■ 4279972134

■ 4280234281

■ 4280561963

■ 4280889645

■ 4281217328

Harmonies

Analogous

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



4280167947



4278333723



4278202925

Triad

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



4278333723



4278922060



4282850583

Complementary

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



4278333723



4281401880

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.



4282980903



4278333723



4281279558

Square

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



4278333723



4278202185



4282457400



4282262536

Rectangle

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



4278333723



4278202936



4282457400



4282915868

Sweetspot

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



4278333723



4281155639



4279841026



4279640348



4288782753



4280361249

Same Dimension

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



4278333723



4278206498



4278333489



4279704088



4278212911



4278245747

Inverse Universe

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



4281401880



4282384414



4281402114



4279899928



4284022826



4292411493

Previews

White Background



This preview shows how the Android color 4278333723 looks on a white background.

Color Contrast Check

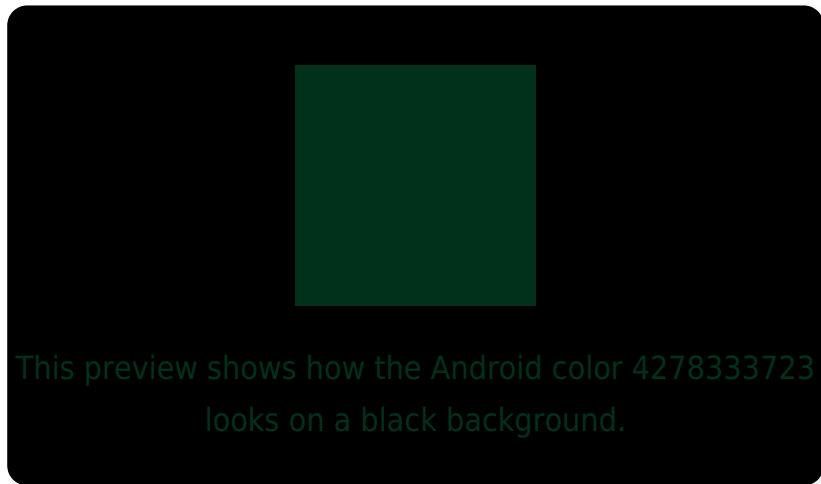
Large Text (above 18pt) WCAG AA ✓ Pass

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

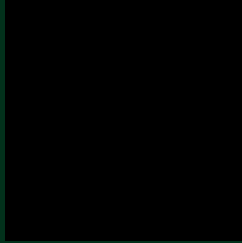
Any Text WCAG AA × Fail

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 4278333723 Background



This preview shows how black text looks on a background with the Android color 4278333723.



This preview shows how white text looks on a background with the Android color 4278333723.

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](#).

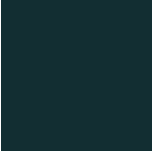
Dichromacy



Original Color
4278333723

Protanopia
4281215513

Deuteranopia
4281542941



Tritanopia
4279381554

Trichromacy



Original Color

4278333723

Protanomaly

4280167706

Deuteranomaly

4280364060

Tritanomaly

4278988586

Monochromacy



Original Color

4278333723

Achromatopsia

4280295456

Achromatomaly

4279576094

CSS Examples

Text

The CSS property to change the color of the text to Android 4278333723 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, 49, 27)` looks like.

```
.text, #text, p{  
    color:rgb(2, 49, 27)  
}
```

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, 49, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 49, 27) }
```

Border

The CSS property to change the border of an element to Android 4278333723 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, 49, 27) }
```

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

```
.border{ border-color:rgb(2, 49, 27) }
```

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

Here you see how a box with a 4 pixel rgb(2, 49, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 49, 27); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 49, 27); box-shadow:4px  
4px 4px 4px rgb(2, 49, 27) }
```

Background

The CSS property to change the background color of an element to Android 4278333723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 49, 27) }
```

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

```
.background{ background-color: rgb(2, 49,  
27) }
```

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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