

Converting Colors

Android(4278203154)

Have a look what the booklet for
Android(4278203154) contains.

Android(4278203154)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278203154)

Conversions

Conversions Part 1

Format	Color
Hex	003312
RGB	0, 51, 18
RGB Percent	0%, 20%, 7%
CMY	1.0000, 0.8000, 0.9294
CMYK	1.00, 0.00, 0.65, 0.80
HSL	141°, 100%, 10%
HSV	141°, 100%, 20%
XYZ	1.2930, 2.4113, 0.9696
YIQ	31.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

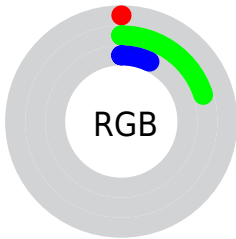
Format	Color
RYB	0, 38, 51
Decimal	13074
CIELab	17.51, -25.09, 16.33
CIELCh	18, 29.936, 146.949
Yxy	2.4113, 0.2766, 0.5159
Android (android.graphics.Color)	4278203154 (0xFF003312)
YUV	31.9890, -6.8966, -28.0544
Hunter-Lab	15.5284, -12.3116, 7.1680

Details

The Android color **4278203154** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281532449**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281557565**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278203154**, and if you desaturate by 10%, it is **4278530837**.

Distribution



Red (0%)

Green (20%)

Blue (7%)



Red (0%)

Yellow (15%)

Blue (20%)

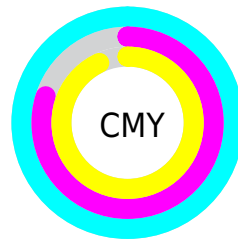


Cyan (100%)

Magenta (0%)

Yellow (65%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278203154 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 4278203154 by changing the saturation by 10% instead.

 4278203154

 4278203154

 4293787636

 4278198016

 4281557565

 4278190080

 4283202388

 4284847469

 4286558342

 4288269472

 4290046140

 4291887063

 4278203154

■ 4278530837

■ 4278858521

■ 4279186204

■ 4279513887

■ 4279907107

■ 4280234790

■ 4280562473

■ 4280890156

■ 4281217840

Harmonies

Analogous

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



[4280495872](#)



[4278203154](#)



[4278203688](#)

Triad

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



4278203154



4278201942



4283438873

Complementary

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



4278203154



4281532449

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.



4283438382



4278203154



4280690258

Square

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



4278203154



4278203215



4282588227



4282851330

Rectangle

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



4278203154



4278203703



4282588227



4283503904

Sweetspot

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



4278203154



4281221685



4280365824



4279574809



4288782753



4280361249

Same Dimension

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



4278203154



4278206999



4278203179



4279704088



4278212896



4278245709

Inverse Universe

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



4281532449



4282515499



4281532424



4279899929



4284022842



4292411532

Previews

White Background



This preview shows how the Android color 4278203154 looks on a white background.

Color Contrast Check

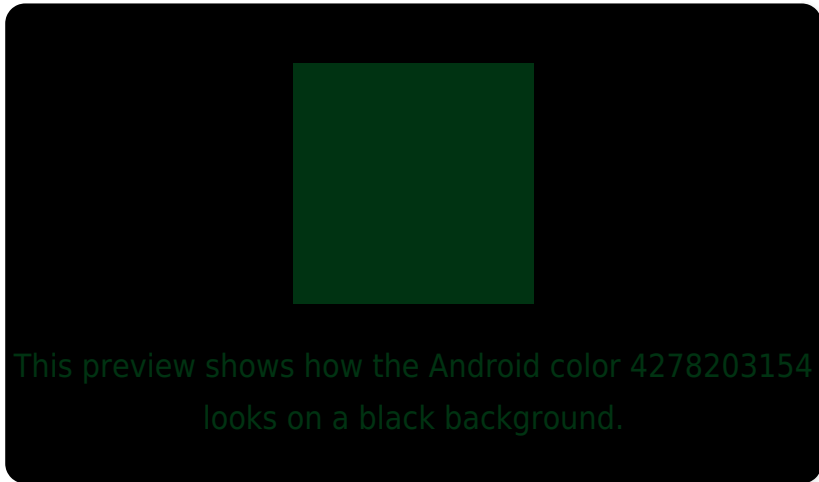
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278203154 Background



This preview shows how black text looks on a background with the Android color 4278203154.



This preview shows how white text looks on a background with the Android color 4278203154.

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
4278203154

Protanopia
4281412624

Deuteranopia
4281739797



Tritanopia
4279578676

Trichromacy



Original Color
4278203154

Protanomaly
4280233745

Deuteranomaly
4280429844

Tritanomaly
4279054632

Monochromacy



Original Color
4278203154

Achromatopsia
4280295456

Achromatomaly
4279510811

CSS Examples

Text

The CSS property to change the color of the text to Android 4278203154 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, 51, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 18)  
}
```

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, 51, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 18) }
```

Border

The CSS property to change the border of an element to Android 4278203154 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, 51, 18) }
```

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

```
.border{ border-color:rgb(0, 51, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 18); box-shadow:4px  
4px 4px 4px rgb(0, 51, 18) }
```

Background

The CSS property to change the background color of an element to Android 4278203154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 18) }
```

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

```
.background{ background-color: rgb(0, 51,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor