

Converting Colors

Android(4278203153)

Have a look what the booklet for
Android(4278203153) contains.

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Color

Android(4278203153)

Conversions

Conversions Part 1

Format	Color
Hex	003311
RGB	0, 51, 17
RGB Percent	0%, 20%, 7%
CMY	1.0000, 0.8000, 0.9333
CMYK	1.00, 0.00, 0.67, 0.80
HSL	140°, 100%, 10%
HSV	140°, 100%, 20%
XYZ	1.2850, 2.4081, 0.9274
YIQ	31.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

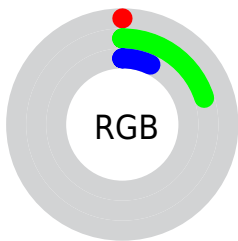
Format	Color
RYB	0, 38, 51
Decimal	13073
CIELab	17.50, -25.27, 16.90
CIELCh	17, 30.406, 146.225
Yxy	2.4081, 0.2781, 0.5212
Android (android.graphics.Color)	4278203153 (0xFF003311)
YUV	31.8750, -7.3334, -27.9544
Hunter-Lab	15.5181, -12.3757, 7.3194

Details

The Android color **4278203153** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281532450**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281557564**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278203153**, and if you desaturate by 10%, it is **4278530836**.

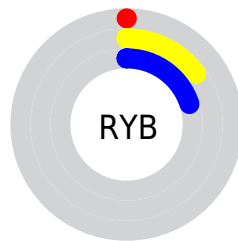
Distribution



Red (0%)

Green (20%)

Blue (7%)



Red (0%)

Yellow (15%)

Blue (20%)

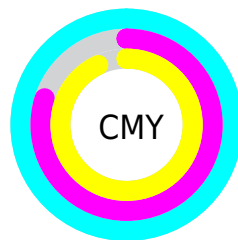


Cyan (100%)

Magenta (0%)

Yellow (67%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278203153 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 4278203153 by changing the saturation by 10% instead.

 4278203153

 4278203153

 4293787635

 4278198016

 4281557564

 4278190080

 4283202387

 4284847468

 4286558341

 4288269471

 4290046138

 4291887062

 4278203153

■ 4278530836

■ 4278858520

■ 4279186203

■ 4279513887

■ 4279907106

■ 4280234789

■ 4280562473

■ 4280890156

■ 4281217840

Harmonies

Analogous

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



4280561408



4278203153



4278203687

Triad

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



4278203153



4278201943



4283504409

Complementary

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



4278203153



4281532450

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.



4283438127



4278203153



4280624722

Square

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



4278203153



4278203215



4282522692



4282916866

Rectangle

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



4278203153



4278203703



4282522692



4283569440

Sweetspot

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



4278203153



4281221685



4280431360



4279574809



4288782753



4280361249

Same Dimension

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



4278203153



4278206998



4278203178



4279704088



4278212894



4278245704

Inverse Universe

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



4281532450



4282515500



4281532425



4279899929



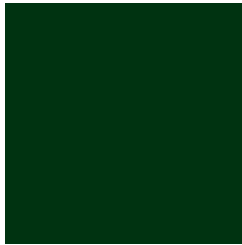
4284022844



4292411537

Previews

White Background



This preview shows how the Android color 4278203153 looks on a white background.

Color Contrast Check

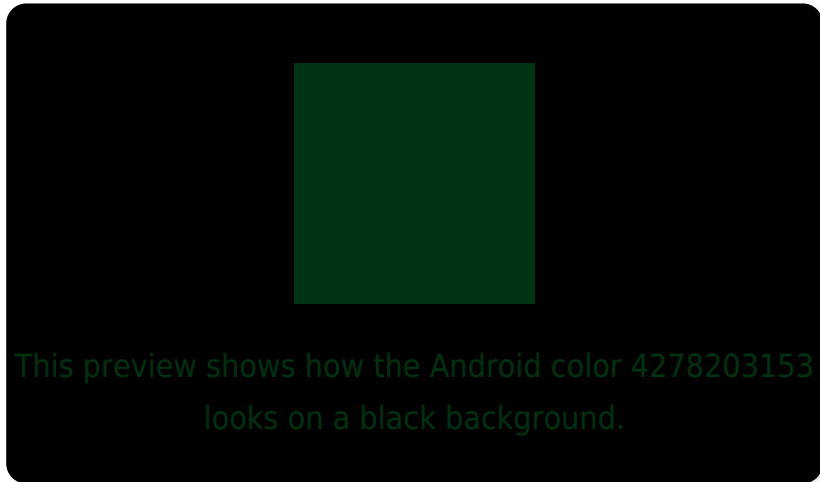
Large Text (above 18pt) WCAG AA ✓ Pass

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

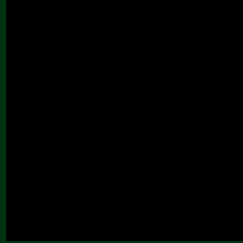
Any Text WCAG AA × Fail

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 4278203153 Background



This preview shows how black text looks on a background with the Android color 4278203153.



This preview shows how white text looks on a background with the Android color 4278203153.

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
4278203153

Protanopia
4281412623

Deuteranopia
4281739796

Trichromacy



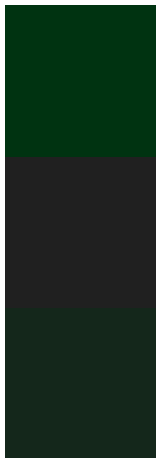
Original Color
4278203153

Protanomaly
4280233744

Deuteranomaly
4280429843

Tritanomaly
4279054631

Monochromacy



Original Color
4278203153

Achromatopsia
4280295456

Achromatomaly
4279510811

CSS Examples

Text

The CSS property to change the color of the text to Android 4278203153 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 17)  
}
```

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, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 17) }
```

Border

The CSS property to change the border of an element to Android 4278203153 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, 17) }
```

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

```
.border{ border-color:rgb(0, 51, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 17); box-shadow:4px  
4px 4px 4px rgb(0, 51, 17) }
```

Background

The CSS property to change the background color of an element to Android 4278203153 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, 17) }
```

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

```
.background{ background-color: rgb(0, 51,  
17) }
```

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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