

Converting Colors

Android(4278201366)

Have a look what the booklet for
Android(4278201366) contains.

Android(4278201366)	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(4278201366)

Conversions

Conversions Part 1

Format	Color
Hex	002C16
RGB	0, 44, 22
RGB Percent	0%, 17%, 9%
CMY	1.0000, 0.8275, 0.9137
CMYK	1.00, 0.00, 0.50, 0.83
HSL	150°, 100%, 9%
HSV	150°, 100%, 17%
XYZ	1.0455, 1.8593, 1.0628
YIQ	28.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

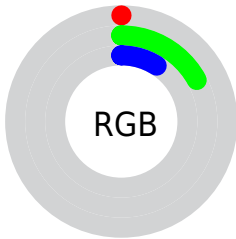
Format	Color
RYB	0, 29, 44
Decimal	11286
CIELab	14.73, -21.26, 10.24
CIELCh	15, 23.600, 154.281
Yxy	1.8593, 0.2635, 0.4686
Android (android.graphics.Color)	4278201366 (0xFF002C16)
YUV	28.3360, -3.1236, -24.8507
Hunter-Lab	13.6356, -10.1759, 4.9235

Details

The Android color **4278201366** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281073686**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4281358913**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278201366**, and if you desaturate by 10%, it is **4278463512**.

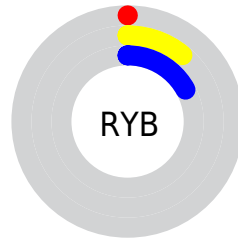
Distribution



Red (0%)

Green (17%)

Blue (9%)



Red (0%)

Yellow (11%)

Blue (17%)

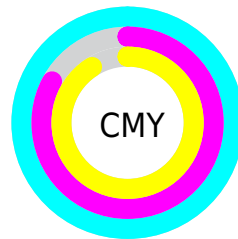


Cyan (100%)

Magenta (0%)

Yellow (50%)

Black (83%)



Cyan (100%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201366 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 4278201366 by changing the saturation by 10% instead.

 4278201366

 4278201366

 4293459960

 4278196480

 4281358913

 4278190080


 4282938200

 4284583281

 4286228362

 4288005028

 4289781696

 4291558363

 4278201366

■ 4278463512

■ 4278791194

■ 4279053341

■ 4279381023

■ 4279643169

■ 4279905315

■ 4280232997

■ 4280495144

■ 4280822826

Harmonies

Analogous

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



4279970052



4278201366



4278201639

Triad

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



4278201366



4278330950



4282456083

Complementary

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



4278201366



4281073686

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.



4282586403



4278201366



4280885313

Square

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



4278201366



4278201155



4282063156



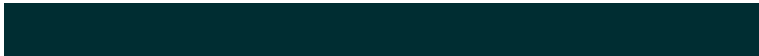
4281933570

Rectangle

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



4278201366



4278201650



4282063156



4282586904

Sweetspot

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



4278201366



4280760368



4279643136



4279376919



4288453788



4280032284

Same Dimension

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



4278201366



4278204444



4278201388



4279572246



4278212395



4278244971

Inverse Universe

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



4281073686



4281860124



4281073664



4279702806



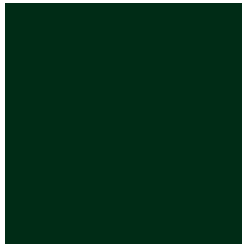
4283891755



4292214891

Previews

White Background



This preview shows how the Android color 4278201366 looks on a white background.

Color Contrast Check

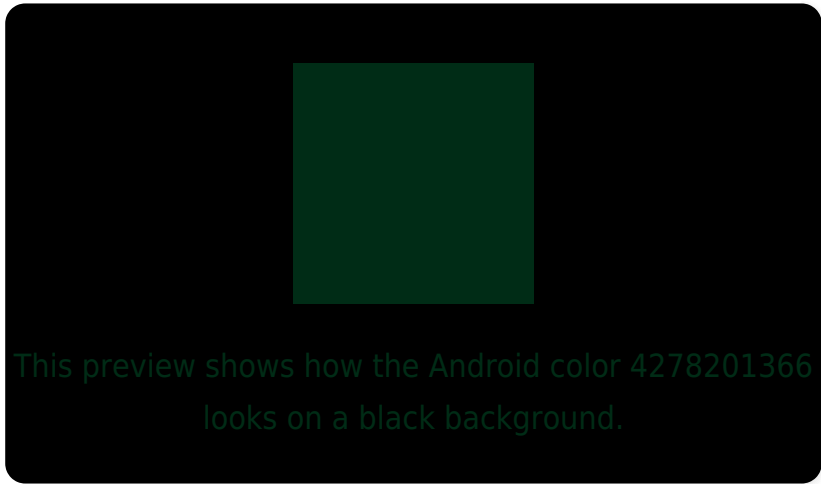
Large Text (above 18pt) WCAG AA ✓ Pass

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

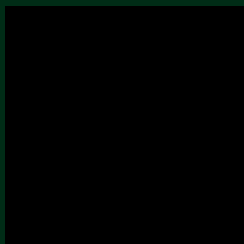
Any Text WCAG AA × Fail

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 4278201366 Background



This preview shows how black text looks on a background with the Android color 4278201366.



This preview shows how white text looks on a background with the Android color 4278201366.

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

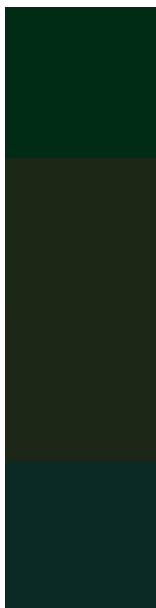


Original Color
4278201366

Protanopia
4280952340

Deuteranopia
4281213976

Trichromacy



Original Color

4278201366

Protanomaly

4279969813

Deuteranomaly

4280100631

Tritanomaly

4278921765

Monochromacy



Original Color

4278201366

Achromatopsia

4280032284

Achromatomaly

4279378458

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201366 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, 44, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 22)  
}
```

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, 44, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 22) }
```

Border

The CSS property to change the border of an element to Android 4278201366 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, 44, 22) }
```

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

```
.border{ border-color:rgb(0, 44, 22) }
```

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

Here you see how a box with a 4 pixel rgb(0, 44, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 44, 22); box-shadow:4px  
4px 4px 4px rgb(0, 44, 22) }
```

Background

The CSS property to change the background color of an element to Android 4278201366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 22) }
```

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

```
.background{ background-color: rgb(0, 44,  
22) }
```

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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