

Converting Colors

Android(4278202920)

Have a look what the booklet for
Android(4278202920) contains.

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Color

Android(4278202920)

Conversions

Conversions Part 1

Format	Color
Hex	003228
RGB	0, 50, 40
RGB Percent	0%, 20%, 16%
CMY	1.0000, 0.8039, 0.8431
CMYK	1.00, 0.00, 0.20, 0.80
HSL	168°, 100%, 10%
HSV	168°, 100%, 20%
XYZ	1.5236, 2.4344, 2.3971
YIQ	33.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

Format	Color
RYB	0, 28, 50
Decimal	12840
CIELab	17.62, -18.84, 1.91
CIELCh	18, 18.937, 174.209
Yxy	2.4344, 0.2397, 0.3831
Android (android.graphics.Color)	4278202920 (0xFF003228)
YUV	33.9100, 3.0024, -29.7391
Hunter-Lab	15.6026, -9.8738, 1.8129

Details

The Android color **4278202920** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281466890**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4281557333**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278202920**, and if you desaturate by 10%, it is **4278530601**.

Distribution



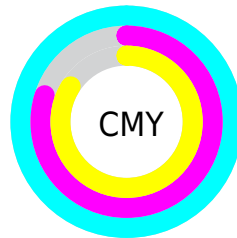
- Red (0%)
- Green (20%)
- Blue (16%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202920 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 4278202920 by changing the saturation by 10% instead.

 4278202920

 4278202920

 4293787647

 4278197780

 4281557333

 4278190080


 4283202157

 4284847238

 4286557857

 4288268988

 4290045655

 4291887092

 4278202920

■ 4278530601

■ 4278858282

■ 4279185963

■ 4279513644

■ 4279841325

■ 4280169006

■ 4280496687

■ 4280824368

■ 4281152049

Harmonies

Analogous

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



4279775515



4278202920



4278202934

Triad

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



4278202920



4280822084



4282393878

Complementary

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



4278202920



4281466890

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.



4282720545



4278202920



4282000187

Square

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



4278202920



4279053638



4282589230



4281739791

Rectangle

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



4278202920



4278202686



4282589230



4282524441

Sweetspot

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



4278202920



4281155644



4278858240



4279574815



4288782753



4280361249

Same Dimension

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



4278202920



4278206515



4278199090



4279704089



4278212935



4278245805

Inverse Universe

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



4281466890



4282384397



4281470720



4279899927



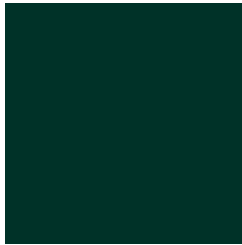
4284022802



4292411435

Previews

White Background



This preview shows how the Android color 4278202920 looks on a white background.

Color Contrast Check

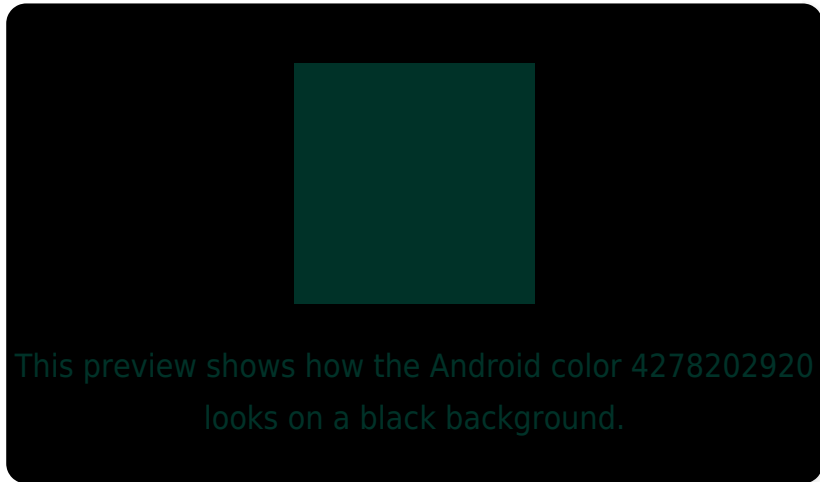
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278202920 Background



This preview shows how black text looks on a background with the Android color 4278202920.



This preview shows how white text looks on a background with the Android color 4278202920.

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

4278202920

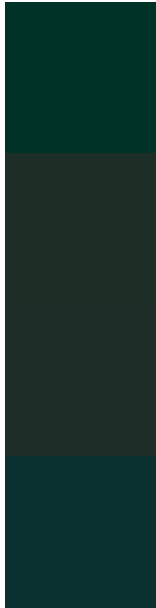
Protanopia

4281216037

Deuteranopia

4281412138

Trichromacy



Original Color
4278202920

Protanomaly
4280102438

Deuteranomaly
4280233257

Tritanomaly
4278858032

Monochromacy



Original Color
4278202920

Achromatopsia
4280427042

Achromatomaly
4279642148

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202920 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, 50, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 40)  
}
```

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, 50, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 40) }
```

Border

The CSS property to change the border of an element to Android 4278202920 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, 50, 40) }
```

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

```
.border{ border-color:rgb(0, 50, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 50, 40); box-shadow:4px  
4px 4px 4px rgb(0, 50, 40) }
```

Background

The CSS property to change the background color of an element to Android 4278202920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 40) }
```

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

```
.background{ background-color: rgb(0, 50,  
40) }
```

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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