

# Converting Colors

Android(4278200620)

Have a look what the booklet for  
Android(4278200620) contains.

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# Color

**Android(4278200620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00292C
RGB	0, 41, 44
RGB Percent	0%, 16%, 17%
CMY	1.0000, 0.8392, 0.8275
CMYK	1.00, 0.07, 0.00, 0.83
HSL	184°, 100%, 9%
HSV	184°, 100%, 17%
XYZ	1.2476, 1.7677, 2.6583
YIQ	29.0830, -25.3990, -7.7590

# Conversions

## Conversions Part 2

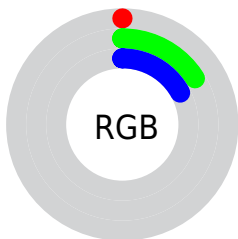
Format	Color
<a href="#">RYB</a>	<a href="#">0, 21, 44</a>
Decimal	<a href="#">10540</a>
CIELab	<a href="#">14.22, -12.30, -5.92</a>
CIELCh	<a href="#">14, 13.655, 205.695</a>
Yxy	<a href="#">1.7677, 0.2199, 0.3116</a>
Android (android.graphics.Color)	<a href="#">4278200620 (0xFF00292C)</a>
YUV	<a href="#">29.0830, 7.3541, -25.5058</a>
Hunter-Lab	<a href="#">13.2956, -6.5181, -2.5476</a>

# Details

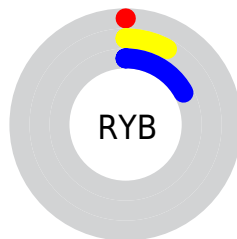
The Android color **4278200620** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281074432**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4281423449**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278200620**, and if you desaturate by 10%, it is **4278462764**.

# Distribution



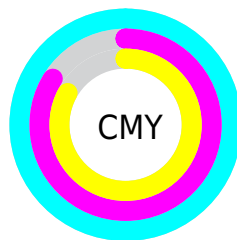
- Red (0%)
- Green (16%)
- Blue (17%)



- Red (0%)
- Yellow (8%)
- Blue (17%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (84%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278200620 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 4278200620 by changing the saturation by 10% instead.



 4278200620

 4278200620

 4293591039

 4278195480

 4281423449

 4278190080

 4283068274

 4284647563

 4286358438

 4288069313

 4289911261

 4291688185

 4278200620

■ 4278462764

■ 4278790700

■ 4279052844

■ 4279380524

■ 4279642924

■ 4279905068

■ 4280232748

■ 4280494892

■ 4280822828

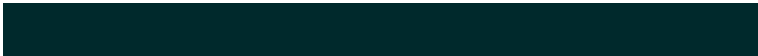
# Harmonies

## Analogous

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



4278790434



4278200620



4278396980

# Triad

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



4278200620



4281278255



4281082641

# Complementary

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



4278200620



4281074432

# 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.



4281540629



4278200620



4281670950

# Square

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



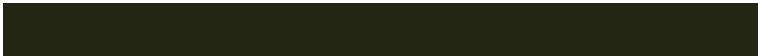
4278200620



4280492597



4281736476



4280428050

# Rectangle

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



4278200620



4279117366



4281736476



4281213457



# Sweetspot

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



4278200620



4280760120



4278201347



4279376668



4288453788



4280032284



# Same Dimension

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



4278200620



4278203448



4278194988



4279572247



4278210903



4278241494



# Inverse Universe

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



4281073705



4281860148



4281080064



4279702807



4283891793

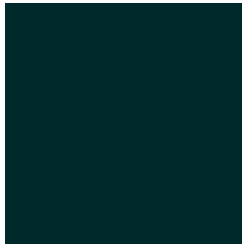


4292214984



# Previews

## White Background



This preview shows how the Android color 4278200620 looks on a white background.

## Color Contrast Check

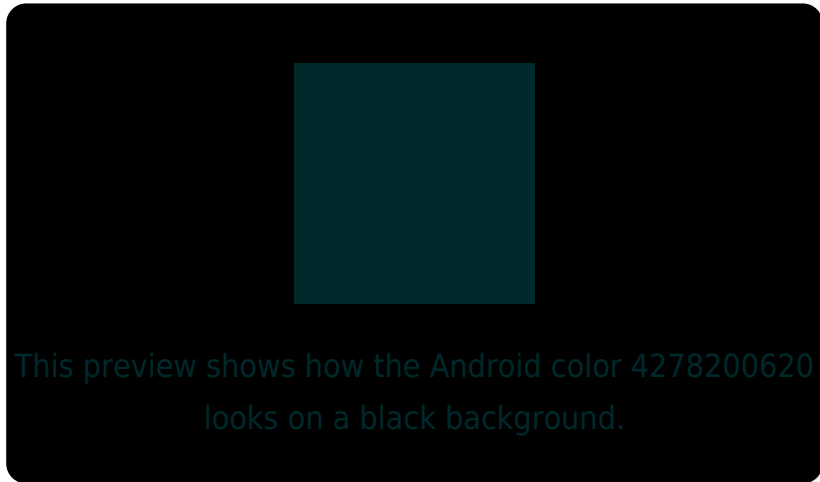
Large Text (above 18pt) WCAG AA ✓ Pass

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

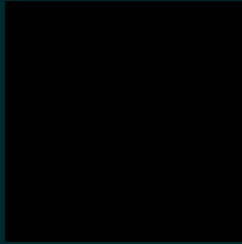
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278200620 Background



This preview shows how black text looks on a background with the Android color 4278200620.



This preview shows how white text looks on a background with the Android color 4278200620.

# 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**

4278200620

**Protanopia**

4280558889

**Deuteranopia**

4280558637



# Trichromacy



**Original Color**

4278200620

**Protanomaly**

4279707178

**Deuteranomaly**

4279707181

**Tritanomaly**

4278331692

# Monochromacy



**Original Color**

4278200620

**Achromatopsia**

4280098077

**Achromatomaly**

4279378210

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278200620 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, 41, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 44)  
}
```

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, 41, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 44) }
```

## Border

The CSS property to change the border of an element to Android 4278200620 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, 41, 44) }
```

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

```
.border{ border-color:rgb(0, 41, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 41, 44); box-shadow:4px  
4px 4px 4px rgb(0, 41, 44) }
```

# Background

The CSS property to change the background color of an element to Android 4278200620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 44) }
```

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

```
.background{ background-color: rgb(0, 41,  
44) }
```

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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