

Converting Colors

Android(4278202678)

Have a look what the booklet for
Android(4278202678) contains.

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Color

Android(4278202678)

Conversions

Conversions Part 1

Format	Color
Hex	003136
RGB	0, 49, 54
RGB Percent	0%, 19%, 21%
CMY	1.0000, 0.8078, 0.7882
CMYK	1.00, 0.09, 0.00, 0.79
HSL	186°, 100%, 11%
HSV	186°, 100%, 21%
XYZ	1.7642, 2.4630, 3.8724
YIQ	34.9190, -30.8090, -8.8330

Conversions

Conversions Part 2

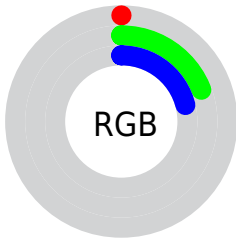
Format	Color
RYB	0, 26, 54
Decimal	12598
CIELab	17.75, -13.09, -7.58
CIELCh	18, 15.128, 210.077
Yxy	2.4630, 0.2178, 0.3041
Android (android.graphics.Color)	4278202678 (0xFF003136)
YUV	34.9190, 9.4069, -30.6240
Hunter-Lab	15.6938, -7.3988, -3.6441

Details

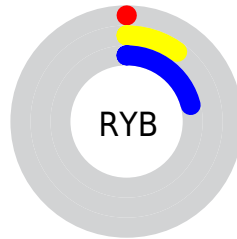
The Android color **4278202678** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281730304**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4281687909**, and **4278190089** is the 20% darker color. If you saturate the color by 10%, you get **4278202678**, and if you desaturate by 10%, it is **4278530614**.

Distribution



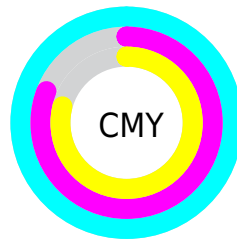
- Red (0%)
- Green (19%)
- Blue (21%)



- Red (0%)
- Yellow (10%)
- Blue (21%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202678 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 4278202678 by changing the saturation by 10% instead.

 4278202678

 4278202678

 4293984255

 4278197281

 4281687909

 4278190089

 4283332734

 4278190080

 4284977815

 4286688690

 4288465102

 4290241770

 4292083711

 4278202678

■ 4278530614

■ 4278923830

■ 4279251766

■ 4279644982

■ 4279972918

■ 4280300598

■ 4280694070

■ 4281021750

■ 4281414966

Harmonies

Analogous

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



4278923563



4278202678



4278660926

Triad

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



4278202678



4281935158



4281543446

Complementary

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



4278202678



4281730304

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.



4282066713



4278202678



4282393388

Square

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



4278202678



4281149758



4282393633



4280757784

Rectangle

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



4278202678



4279578177



4282393633



4281739798

Sweetspot

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



4278202678



4281484615



4278203908



4279706404



4288914339



4280558628

Same Dimension

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



4278202678



4278206791



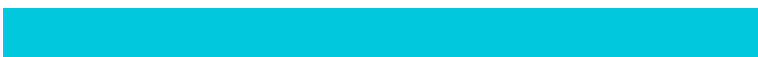
4278196022



4279835676



4278211420



4278241243

Inverse Universe

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



4281729073



4282843201



4281737216



4280031516



4284219475



4292542663

Previews

White Background



This preview shows how the Android color 4278202678 looks on a white background.

Color Contrast Check

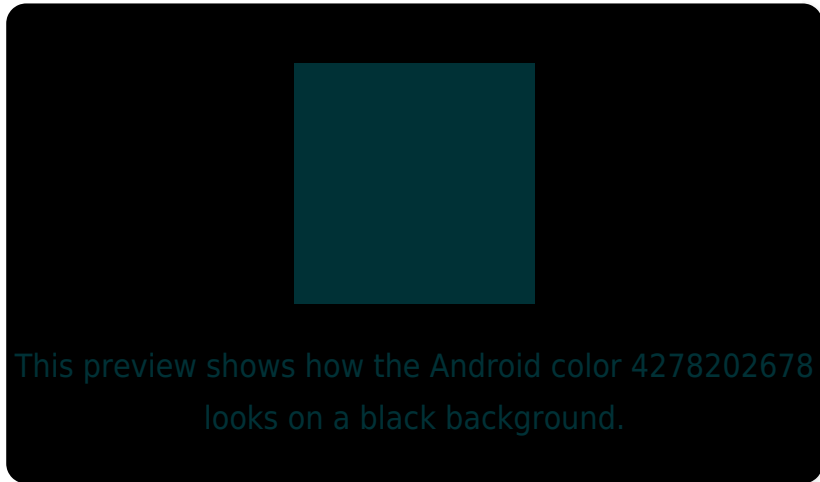
Large Text (above 18pt) WCAG AA ✓ Pass

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

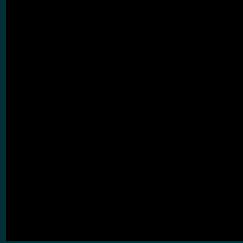
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

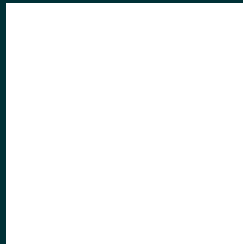
Any Text WCAG AAA × Fail

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

Android 4278202678 Background



This preview shows how black text looks on a background with the Android color 4278202678.



This preview shows how white text looks on a background with the Android color 4278202678.

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

4278202678

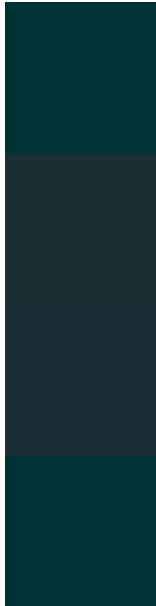
Protanopia

4281019443

Deuteranopia

4281019191

Trichromacy



Original Color

4278202678

Protanomaly

4279971380

Deuteranomaly

4279971127

Tritanomaly

4278202677

Monochromacy



Original Color

4278202678

Achromatopsia

4280492835

Achromatomaly

4279642154

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202678 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, 49, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 54)  
}
```

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, 49, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 54) }
```

Border

The CSS property to change the border of an element to Android 4278202678 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, 49, 54) }
```

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

```
.border{ border-color:rgb(0, 49, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 54); box-shadow:4px  
4px 4px 4px rgb(0, 49, 54) }
```

Background

The CSS property to change the background color of an element to Android 4278202678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 54) }
```

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

```
.background{ background-color: rgb(0, 49,  
54) }
```

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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