

Converting Colors

Android(4278202676)

Have a look what the booklet for
Android(4278202676) contains.

Android(4278202676)	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(4278202676)

Conversions

Conversions Part 1

Format	Color
Hex	003134
RGB	0, 49, 52
RGB Percent	0%, 19%, 20%
CMY	1.0000, 0.8078, 0.7961
CMYK	1.00, 0.06, 0.00, 0.80
HSL	183°, 100%, 10%
HSV	183°, 100%, 20%
XYZ	1.7181, 2.4446, 3.6301
YIQ	34.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

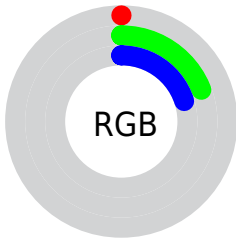
Format	Color
RYB	0, 25, 52
Decimal	12596
CIELab	17.67, -13.89, -6.33
CIELCh	18, 15.261, 204.485
Yxy	2.4446, 0.2205, 0.3137
Android (android.graphics.Color)	4278202676 (0xFF003134)
YUV	34.6910, 8.5333, -30.4240
Hunter-Lab	15.6351, -7.7460, -2.8212

Details

The Android color **4278202676** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281598720**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4281687906**, and **4278190086** is the 20% darker color. If you saturate the color by 10%, you get **4278202676**, and if you desaturate by 10%, it is **4278530356**.

Distribution



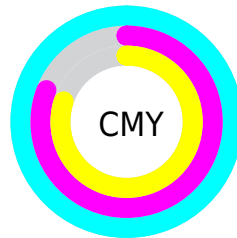
- Red (0%)
- Green (19%)
- Blue (20%)



- Red (0%)
- Yellow (10%)
- Blue (20%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202676 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 4278202676 by changing the saturation by 10% instead.

 4278202676

 4278202676

 4293918719

 4278197535

 4281687906

 4278190086

 4283332731

 4278190080

 4284977813

 4286688688

 4288399563

 4290241767

 4292083711

 4278202676

■ 4278530356

■ 4278858292

■ 4279251508

■ 4279579188

■ 4279907124

■ 4280234804

■ 4280562484

■ 4280955700

■ 4281283636

Harmonies

Analogous

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



4279054633



4278202676



4278399037

Triad

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



4278202676



4281804088



4281608725

Complementary

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



4278202676



4281598720

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.



4282197530



4278202676



4282327854

Square

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



4278202676



4280953151



4282458915



4280888599

Rectangle

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



4278202676



4279316032



4282458915



4281805078

Sweetspot

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



4278202676



4281353285



4278203395



4279706404



4288914339



4280558628

Same Dimension

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



4278202676



4278206789



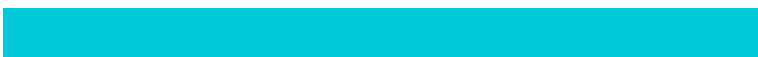
4278196020



4279703834



4278211673



4278242521

Inverse Universe

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



4281598001



4282712129



4281605376



4279899929



4284022868



4292411596

Previews

White Background



This preview shows how the Android color 4278202676 looks on a white background.

Color Contrast Check

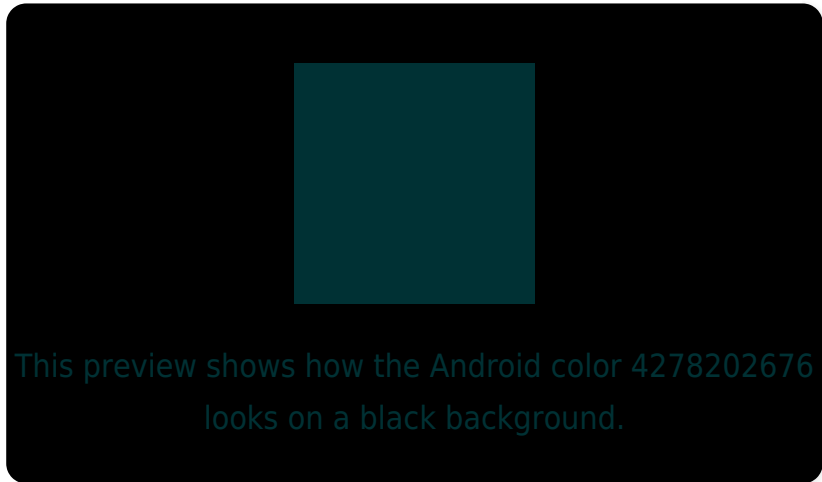
Large Text (above 18pt) WCAG AA ✓ Pass

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

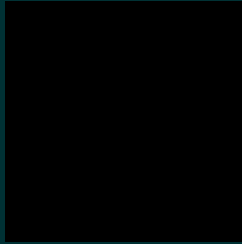
Any Text WCAG AA × Fail

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 4278202676 Background



This preview shows how black text looks on a background with the Android color 4278202676.

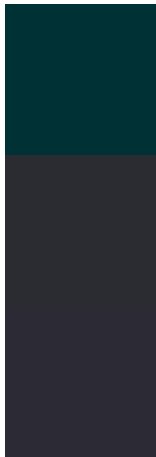


This preview shows how white text looks on a background with the Android color 4278202676.

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

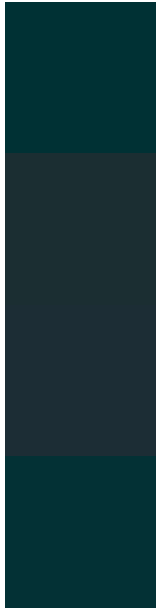


Original Color
4278202676

Protanopia
4281019441

Deuteranopia
4281084725

Trichromacy



Original Color
4278202676

Protanomaly
4279971378

Deuteranomaly
4280036661

Tritanomaly
4278399285

Monochromacy



Original Color
4278202676

Achromatopsia
4280492835

Achromatomaly
4279642153

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202676 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 52) }
```

Border

The CSS property to change the border of an element to Android 4278202676 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, 52) }
```

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

```
.border{ border-color:rgb(0, 49, 52) }
```

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, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 52); box-shadow:4px  
4px 4px 4px rgb(0, 49, 52) }
```

Background

The CSS property to change the background color of an element to Android 4278202676 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, 52) }
```

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

```
.background{ background-color: rgb(0, 49,  
52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor