

Converting Colors

Android(4278201656)

Have a look what the booklet for
Android(4278201656) contains.

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Color

Android(4278201656)

Conversions

Conversions Part 1

Format	Color
Hex	002D38
RGB	0, 45, 56
RGB Percent	0%, 18%, 22%
CMY	1.0000, 0.8235, 0.7804
CMYK	1.00, 0.20, 0.00, 0.78
HSL	192°, 100%, 11%
HSV	192°, 100%, 22%
XYZ	1.6522, 2.1623, 4.0717
YIQ	32.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

Format	Color
RYB	0, 25, 56
Decimal	11576
CIELab	16.32, -9.77, -11.16
CIELCh	16, 14.837, 228.791
Yxy	2.1623, 0.2095, 0.2742
Android (android.graphics.Color)	4278201656 (0xFF002D38)
YUV	32.7990, 11.4381, -28.7647
Hunter-Lab	14.7047, -5.6774, -6.1238

Details

The Android color **4278201656** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281862912**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4281686887**, and **4278190092** is the 20% darker color. If you saturate the color by 10%, you get **4278201656**, and if you desaturate by 10%, it is **4278595128**.

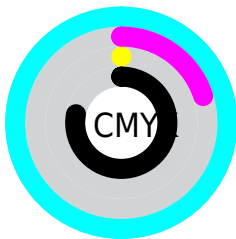
Distribution



- Red (0%)
- Green (18%)
- Blue (22%)



- Red (0%)
- Yellow (10%)
- Blue (22%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201656 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 4278201656 by changing the saturation by 10% instead.

 4278201656

 4278201656

 4293984255

 4278196515

 4281686887

 4278190092

 4283331456

 4278190080

 4284976538

 4286687157

 4288463568

 4290240237

 4292082687

 4278201656

■ 4278595128

■ 4278923064

■ 4279316536

■ 4279644472

■ 4280038200

■ 4280431672

■ 4280759608

■ 4281153080

■ 4281481016

Harmonies

Analogous

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



4278267439



4278201656



4279315261

Triad

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



4278201656



4281999661



4280887828

Complementary

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



4278201656



4281862912

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.



4281542164



4278201656



4282196002

Square

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



4278201656



4281475894



4282000153



4280101914

Rectangle

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



4278201656



4280166461



4282000153



4281084179

Sweetspot

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



4278201656



4281615946



4278204426



4279772198



4289111718



4280690214

Same Dimension

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



4278201656



4278205258



4278194744



4279835420



4278209116



4278235355

Inverse Universe

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



4281860141



4283039803



4281869824



4280031515



4284219466



4292542640

Previews

White Background



This preview shows how the Android color 4278201656 looks on a white background.

Color Contrast Check

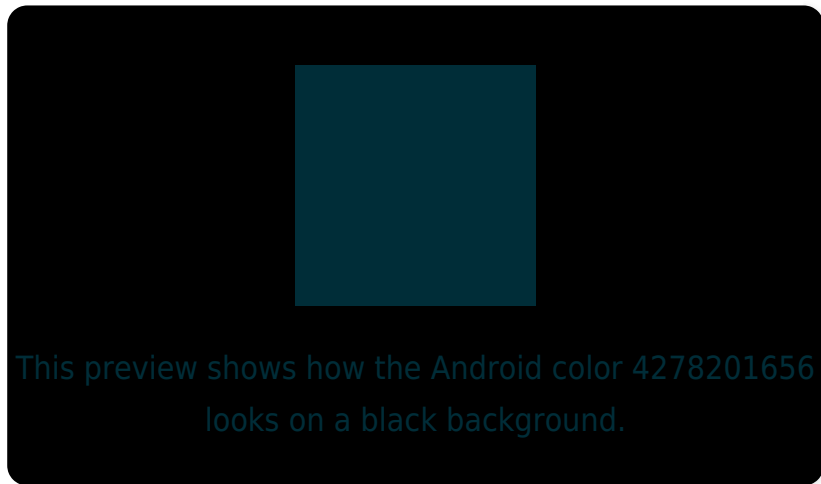
Large Text (above 18pt) WCAG AA ✓ Pass

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

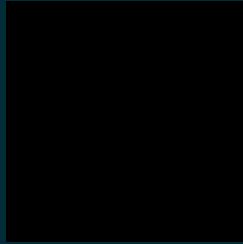
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

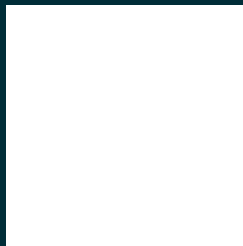
Any Text WCAG AAA × Fail

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

Android 4278201656 Background



This preview shows how black text looks on a background with the Android color 4278201656.



This preview shows how white text looks on a background with the Android color 4278201656.

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
4278201656

Protanopia
4280690997

Deuteranopia
4280559929

Trichromacy



Original Color
4278201656

Protanomaly
4279773750

Deuteranomaly
4279708217

Tritanomaly
4278201908

Monochromacy



Original Color
4278201656

Achromatopsia
4280361249

Achromatomaly
4279575849

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201656 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, 45, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 56)  
}
```

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, 45, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 56) }
```

Border

The CSS property to change the border of an element to Android 4278201656 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, 45, 56) }
```

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

```
.border{ border-color:rgb(0, 45, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 45, 56); box-shadow:4px  
4px 4px 4px rgb(0, 45, 56) }
```

Background

The CSS property to change the background color of an element to Android 4278201656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 56) }
```

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

```
.background{ background-color: rgb(0, 45,  
56) }
```

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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