

Converting Colors

Android(4278203968)

Have a look what the booklet for
Android(4278203968) contains.

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Color

Android(4278203968)

Conversions

Conversions Part 1

Format	Color
Hex	003640
RGB	0, 54, 64
RGB Percent	0%, 21%, 25%
CMY	1.0000, 0.7882, 0.7490
CMYK	1.00, 0.16, 0.00, 0.75
HSL	189°, 100%, 13%
HSV	189°, 100%, 25%
XYZ	2.2446, 3.0085, 5.3129
YIQ	38.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

Format	Color
RYB	0, 29, 64
Decimal	13888
CIELab	20.08, -12.06, -10.88
CIELCh	20, 16.241, 222.062
Yxy	3.0085, 0.2124, 0.2847
Android (android.graphics.Color)	4278203968 (0xFF003640)
YUV	38.9940, 12.3280, -34.1977
Hunter-Lab	17.3450, -7.2545, -6.0194

Details

The Android color **4278203968** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282386944**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4281951600**, and **4278190614** is the 20% darker color. If you saturate the color by 10%, you get **4278203968**, and if you desaturate by 10%, it is **4278597440**.

Distribution



- Red (0%)
- Green (21%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278203968 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 4278203968 by changing the saturation by 10% instead.

 4278203968

 4278203968

 4294311935

 4278198570

 4281951600

 4278190614

 4283596425

 4278190080

 4285241507

 4287017918

 4288794330

 4290570999

 4292476927

 4278203968

■ 4278597440

■ 4279056448

■ 4279449920

■ 4279908928

■ 4280302400

■ 4280695872

■ 4281154880

■ 4281548352

■ 4282007360

Harmonies

Analogous

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



4278597429



4278203968



4279383111

Triad

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



4278203968



4282591288



4281610521

Complementary

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



4278203968



4282386944

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.



4282264858



4278203968



4282918700

Square

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



4278203968



4281871426



4282788129



4280693790

Rectangle

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



4278203968



4280299848



4282788129



4281806872

Sweetspot

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



4278203968



4282077268



4278206474



4280035627



4289440683



4281019179

Same Dimension

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



4278203968



4278208340



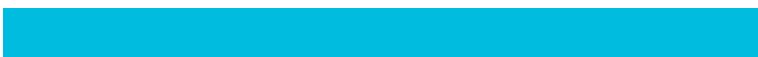
4278195776



4280164641



4278211169



4278238688

Inverse Universe

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



4282384438



4283695175



4282395136



4280360481



4284547154



4292870333

Previews

White Background



This preview shows how the Android color 4278203968 looks on a white background.

Color Contrast Check

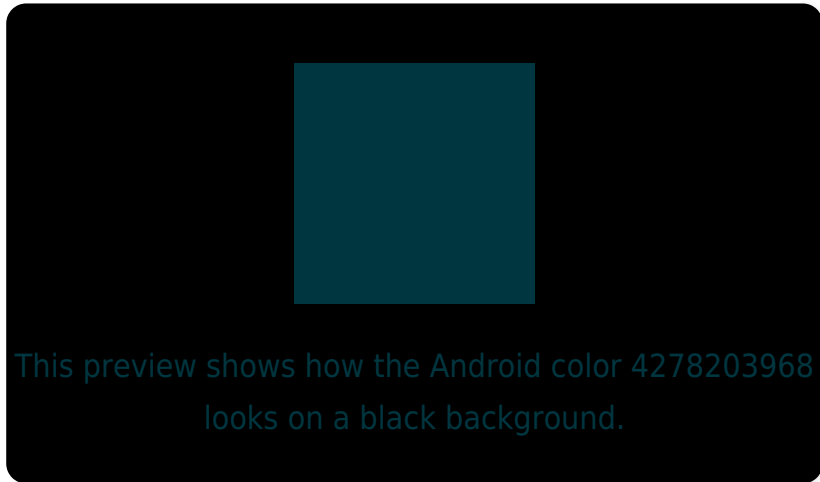
Large Text (above 18pt) WCAG AA ✓ Pass

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

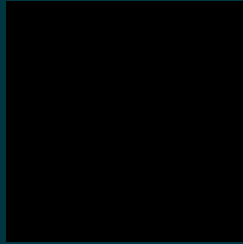
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

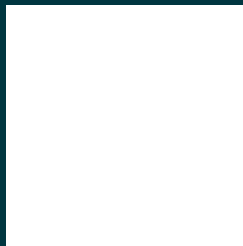
Any Text WCAG AAA × Fail

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

Android 4278203968 Background



This preview shows how black text looks on a background with the Android color 4278203968.



This preview shows how white text looks on a background with the Android color 4278203968.

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

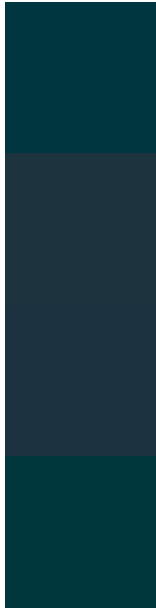


Original Color
4278203968

Protanopia
4281217340

Deuteranopia
4281151553

Trichromacy



Original Color
4278203968

Protanomaly
4280103741

Deuteranomaly
4280103489

Tritanomaly
4278204221

Monochromacy



Original Color
4278203968

Achromatopsia
4280756007

Achromatomaly
4279839792

CSS Examples

Text

The CSS property to change the color of the text to Android 4278203968 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, 54, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 64)  
}
```

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, 54, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 64) }
```

Border

The CSS property to change the border of an element to Android 4278203968 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, 54, 64) }
```

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

```
.border{ border-color:rgb(0, 54, 64) }
```

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

Here you see how a box with a 4 pixel rgb(0, 54, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 54, 64); box-shadow:4px  
4px 4px 4px rgb(0, 54, 64) }
```

Background

The CSS property to change the background color of an element to Android 4278203968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 64) }
```

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

```
.background{ background-color: rgb(0, 54,  
64) }
```

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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