

Converting Colors

Android(4278198845)

Have a look what the booklet for
Android(4278198845) contains.

Android(4278198845)	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(4278198845)

Conversions

Conversions Part 1

Format	Color
Hex	00223D
RGB	0, 34, 61
RGB Percent	0%, 13%, 24%
CMY	1.0000, 0.8667, 0.7608
CMYK	1.00, 0.44, 0.00, 0.76
HSL	207°, 100%, 12%
HSV	207°, 100%, 24%
XYZ	1.4143, 1.4810, 4.6262
YIQ	26.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

Format	Color
RYB	0, 22, 61
Decimal	8765
CIELab	12.49, 0.19, -20.67
CIELCh	12, 20.675, 270.540
Yxy	1.4810, 0.1880, 0.1969
Android (android.graphics.Color)	4278198845 (0xFF00223D)
YUV	26.9120, 16.8054, -23.6018
Hunter-Lab	12.1695, -0.5516, -14.0201

Details

The Android color **4278198845** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282194688**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281749101**, and **4278190353** is the 20% darker color. If you saturate the color by 10%, you get **4278198845**, and if you desaturate by 10%, it is **4278592829**.

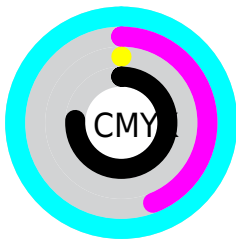
Distribution



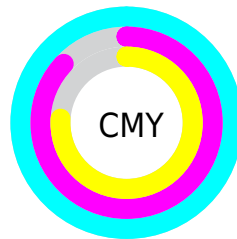
- Red (0%)
- Green (13%)
- Blue (24%)



- Red (0%)
- Yellow (9%)
- Blue (24%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278198845 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 4278198845 by changing the saturation by 10% instead.

 4278198845

 4278198845

 4293984255

 4278192935

 4281749101

 4278190353

 4283328134

 4278190080

 4285038496

 4286749115

 4288459735

 4290301940

 4292144127

 4278198845

■ 4278592829

■ 4278986557

■ 4279380541

■ 4279774525

■ 4280234045

■ 4280627773

■ 4281021757

■ 4281415741

■ 4281809469

Harmonies

Analogous

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



4278199865



4278198845



4280360249

Triad

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



4278198845



4281996563



4278527506

Complementary

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



4278198845



4282194688

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.



4279968769



4278198845



4281604610

Square

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



4278198845



4281996065



4280885248



4278200096

Rectangle

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



4278198845



4281145651



4280885248



4279117324

Sweetspot

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



4278198845



4281812303



4278205722



4279902761



4289243304



4280887593

Same Dimension

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



4278198845



4278201423



4278191165



4280032543



4278203742



4278222046

Inverse Universe

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



4282187810



4283367468



4282202368



4280228893



4284350517



4292739196

Previews

White Background



This preview shows how the Android color 4278198845 looks on a white background.

Color Contrast Check

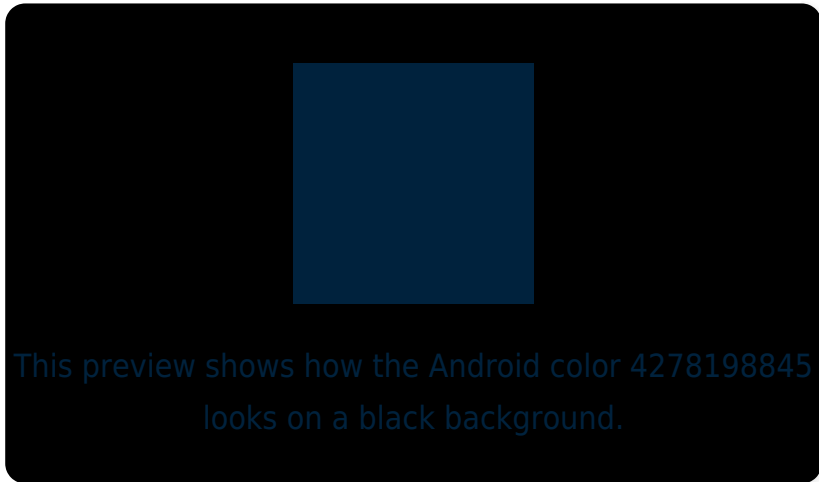
Large Text (above 18pt) WCAG AA ✓ Pass

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

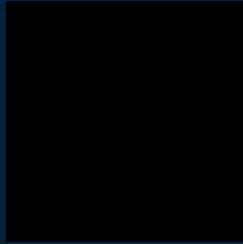
Any Text WCAG AA × Fail

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 4278198845 Background



This preview shows how black text looks on a background with the Android color 4278198845.



This preview shows how white text looks on a background with the Android color 4278198845.

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

4278198845

Protanopia

4279574844

Deuteranopia

4278198844

Trichromacy



Original Color
4278198845

Protanomaly
4279050556

Deuteranomaly
4278198844

Tritanomaly
4278199344

Monochromacy



Original Color
4278198845

Achromatopsia
4279966491

Achromatomaly
4279311911

CSS Examples

Text

The CSS property to change the color of the text to Android 4278198845 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, 34, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 61)  
}
```

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, 34, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 61) }
```

Border

The CSS property to change the border of an element to Android 4278198845 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, 34, 61) }
```

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

```
.border{ border-color:rgb(0, 34, 61) }
```

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

Here you see how a box with a 4 pixel rgb(0, 34, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 34, 61); box-shadow:4px  
4px 4px 4px rgb(0, 34, 61) }
```

Background

The CSS property to change the background color of an element to Android 4278198845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 61) }
```

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

```
.background{ background-color: rgb(0, 34,  
61) }
```

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