

Converting Colors

Android(4278986835)

Have a look what the booklet for
Android(4278986835) contains.

| | |
|--|----|
| Android(4278986835) | 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> | 28 |

Color

Android(4278986835)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0C2853 |
| RGB | 12, 40, 83 |
| RGB Percent | 5%, 16%, 33% |
| CMY | 0.9529, 0.8431, 0.6745 |
| CMYK | 0.86, 0.52, 0.00, 0.67 |
| HSL | 216°, 75%, 19% |
| HSV | 216°, 86%, 33% |
| XYZ | 2.4717, 2.2203, 8.4819 |
| YIQ | 36.5300, -30.4910, 7.4370 |

Conversions

Conversions Part 2

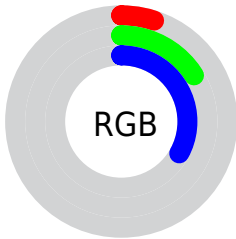
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 12, 32, 83 |
| Decimal | 796755 |
| CIE Lab | 16.60, 7.60, -29.20 |
| CIE LCh | 17, 30.178, 284.595 |
| Yxy | 2.2203, 0.1876, 0.1685 |
| Android (android.graphics.Color) | 4278986835 (0xFF0C2853) |
| YUV | 36.5300, 22.9097, -21.5128 |
| Hunter-Lab | 14.9006, 3.5339, -23.3193 |

Details

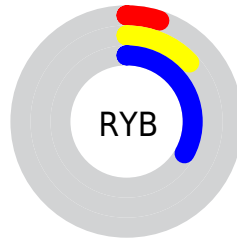
The Android color **4278986835** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283643660**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4282602885**, and **4278190630** is the 20% darker color. If you saturate the color by 10%, you get **4278461267**, and if you desaturate by 10%, it is **4279512403**.

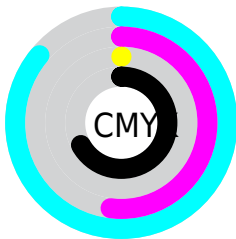
Distribution



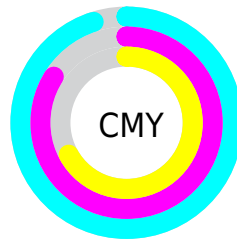
- Red (5%)
- Green (16%)
- Blue (33%)



- Red (5%)
- Yellow (13%)
- Blue (33%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278986835 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 4278986835 by changing the saturation by 10% instead.



4278986835



4278986835

4294967295



4278195260



4282602885



4278190630



4284312991



4278190350



4286023354



4278190080



4287799510



4289575923



4291418111



4293325823



4278986835



4278986835

■ 4278461267

■ 4279512403

■ 4278198611

■ 4280103507

■ 4280629075

■ 4281154643

■ 4281680211

■ 4282271315

■ 4282796883

■ 4283322451

■ 4283913555

Harmonies

Analogous

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



4278202195



4278986835



4281802312

Triad

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



4278986835



4283046409



4278202909

Complementary

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



4278986835



4283643660

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.



4279250949



4278986835



4282196992

Square

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



4278986835



4283372063



4281019136



4278203187

Rectangle

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



4278986835



4282718012



4281019136



4278202901

Sweetspot

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



4278986835



4283390571



4278997815



4280625974



4290098613



4281742902

Same Dimension

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



4278986835



4278200939



4279438419



4280624681



4278200681



4278213864

Inverse Universe

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



4283632680



4285202474



4283192076



4280886566



4285071401



4293394524

Previews

White Background



This preview shows how the Android color 4278986835 looks on a white background.

Color Contrast Check

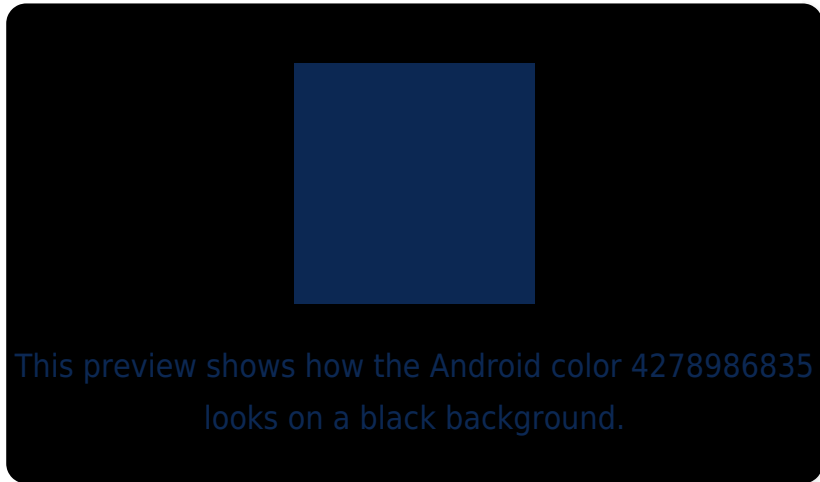
Large Text (above 18pt) WCAG AA ✓ Pass

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

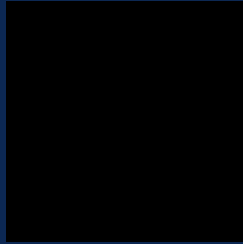
Any Text WCAG AA × Fail

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 4278986835 Background



This preview shows how black text looks on a background with the Android color 4278986835.



This preview shows how white text looks on a background with the Android color 4278986835.

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

4278986835

Protanopia

4278986835

Tritanopia

4278201905

Trichromacy



Original Color

4278986835

Protanomaly

4278986835

Tritanomaly

4278463549

Monochromacy



Original Color

4278986835

Achromatopsia

4280624421

Achromatomaly

4280034870

CSS Examples

Text

The CSS property to change the color of the text to Android 4278986835 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(12, 40, 83)` looks like.

```
.text, #text, p{  
    color:rgb(12, 40, 83)  
}
```

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(12, 40, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 40, 83) }
```

Border

The CSS property to change the border of an element to Android 4278986835 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(12, 40, 83) }
```

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

```
.border{ border-color:rgb(12, 40, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 40, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 40, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 40, 83);  
box-shadow:4px 4px 4px 4px rgb(12, 40, 83)  
}
```

Background

The CSS property to change the background color of an element to Android 4278986835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 40, 83) }
```

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

```
.background{ background-color: rgb(12, 40,  
83) }
```

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