

Converting Colors

Android(4278980976)

Have a look what the booklet for
Android(4278980976) contains.

Android(4278980976)	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(4278980976)

Conversions

Conversions Part 1

Format	Color
Hex	0C1170
RGB	12, 17, 112
RGB Percent	5%, 7%, 44%
CMY	0.9529, 0.9333, 0.5608
CMYK	0.89, 0.85, 0.00, 0.56
HSL	237°, 81%, 24%
HSV	237°, 89%, 44%
XYZ	3.2767, 1.6489, 15.4748
YIQ	26.3350, -33.4750, 28.4850

Conversions

Conversions Part 2

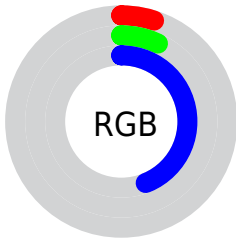
Format	Color
R_{YB}	12, 17, 112
Decimal	790896
CIE _{Lab}	13.53, 35.47, -53.47
CIE _{LCh}	14, 64.161, 303.558
Yxy	1.6489, 0.1606, 0.0808
Android (android.graphics.Color)	4278980976 (0xFF0C1170)
YUV	26.3350, 42.2328, -12.5718
Hunter-Lab	12.8410, 23.0769, -62.4622

Details

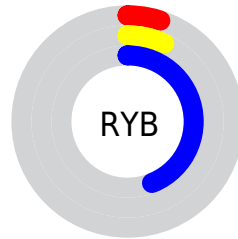
The Android color **4278980976** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285557516**, and the grayscale version is **4279900698**.

A 20% lighter version of the original color is **4283383461**, and **4278190143** is the 20% darker color. If you saturate the color by 10%, you get **4278257264**, and if you desaturate by 10%, it is **4279704688**.

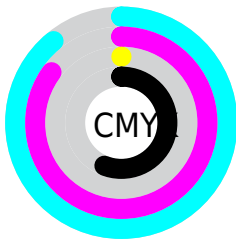
Distribution



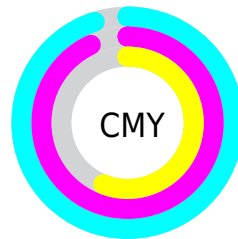
- Red (5%)
- Green (7%)
- Blue (44%)



- Red (5%)
- Yellow (7%)
- Blue (44%)



- Cyan (89%)
- Magenta (85%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278980976 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 4278980976 by changing the saturation by 10% instead.

 4278980976

 4278980976

 4294964991

 4278190167

 4283383461

 4278190143

 4285224384

 4278190888

 4287065821

 4278190353

 4288907514

 4278190080

 4290814719

 4292722175

 4294695423

 4278980976

 4278980976

■ 4278257264

■ 4279704688

■ 4278191728

■ 4280428144

■ 4281217392

■ 4281941104

■ 4282664560

■ 4283388272

■ 4284111728

■ 4284900976

■ 4285624688

Harmonies

Analogous

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



4278200960



4278980976



4283891788

Triad

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



4278980976



4283042304



4278202919

Complementary

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



4278980976



4285557516

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.



4278202624



4278980976



4280820480

Square

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



4278980976



4284547072



4278201344



4278203220

Rectangle

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



4278980976



4284874798



4278201344



4278202903

Sweetspot

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



4278980976



4285164689



4279005291



4281480010



4291414473



4283058762

Same Dimension

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



4278980976



4278192017



4281928816



4281479992



4278191736



4278193399

Inverse Universe

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



4285533201



4287692807



4282609676



4281872947



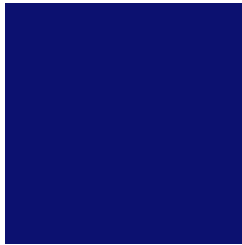
4286054406



4294377484

Previews

White Background



This preview shows how the Android color 4278980976 looks on a white background.

Color Contrast Check

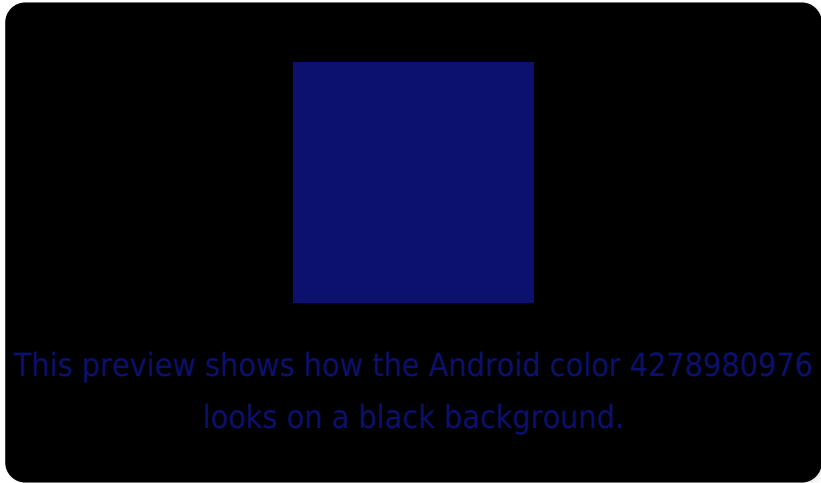
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278980976 Background



This preview shows how black text looks on a background with the Android color 4278980976.



This preview shows how white text looks on a background with the Android color 4278980976.

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
4278980976

Protanopia
4278199114

Deuteranopia
4278199871

Trichromacy



Original Color
4278980976

Protanomaly
4278459480

Deuteranomaly
4278459985

Tritanomaly
4278460483

Monochromacy



Original Color
4278980976

Achromatopsia
4279900698

Achromatomaly
4279572281

CSS Examples

Text

The CSS property to change the color of the text to Android 4278980976 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, 17, 112)` looks like.

```
.text, #text, p{  
    color:rgb(12, 17, 112)  
}
```

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, 17, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 17, 112) }
```

Border

The CSS property to change the border of an element to Android 4278980976 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, 17, 112) }
```

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

```
.border{ border-color:rgb(12, 17, 112) }
```

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

Here you see how a box with a 4 pixel rgb(12, 17, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 17, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 17, 112);  
box-shadow:4px 4px 4px 4px rgb(12, 17,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4278980976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 17, 112) }
```

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

```
.background{ background-color: rgb(12, 17,  
112) }
```

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