

Converting Colors

Android(4278937984)

Have a look what the booklet for
Android(4278937984) contains.

Android(4278937984)	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(4278937984)

Conversions

Conversions Part 1

Format	Color
Hex	0B6980
RGB	11, 105, 128
RGB Percent	4%, 41%, 50%
CMY	0.9569, 0.5882, 0.4980
CMYK	0.91, 0.18, 0.00, 0.50
HSL	192°, 84%, 27%
HSV	192°, 91%, 50%
XYZ	9.0859, 11.7328, 22.2079
YIQ	79.5160, -63.4070, -12.7750

Conversions

Conversions Part 2

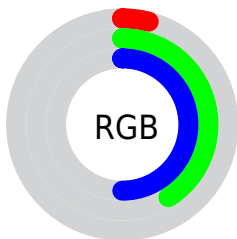
Format	Color
R_{YB}	11, 63, 128
Decimal	747904
CIE _{Lab}	40.79, -16.16, -19.82
CIE _{LCh}	41, 25.569, 230.808
Yxy	11.7328, 0.2112, 0.2727
Android (android.graphics.Color)	4278937984 (0xFF0B6980)
YUV	79.5160, 23.9026, -60.0885
Hunter-Lab	34.2532, -12.5949, -14.4631

Details

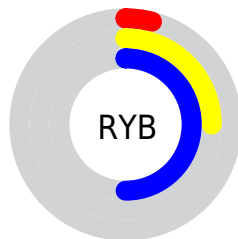
The Android color `4278937984` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286587403`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283604149`, and `4278205007` is the 20% darker color. If you saturate the color by 10%, you get `4278216576`, and if you desaturate by 10%, it is `4279790720`.

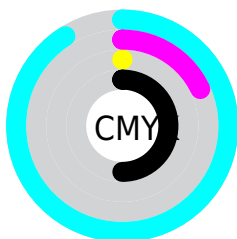
Distribution



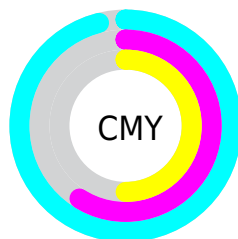
- Red (4%)
- Green (41%)
- Blue (50%)



- Red (4%)
- Yellow (25%)
- Blue (50%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278937984 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 4278937984 by changing the saturation by 10% instead.

 4278937984

 4278937984

4294967295

 4278210919

 4283604149

 4278205007

 4285446096

 4278199352

 4287288301

 4278192163

 4289196031

 4278190090

 4291035135

 4278190080

 4292935679

4294901759

 4278937984

 4278937984

■ 4278216576

■ 4279790720

■ 4280643200

■ 4281430400

■ 4282282880

■ 4283135616

■ 4283988096

■ 4284840832

■ 4285627776

■ 4286480512

Harmonies

Analogous

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



4278676334



4278937984



4281754761

Triad

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



4278937984



4286926952



4284441400

Complementary

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



4278937984



4286587403

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.



4285816119



4278937984



4287189074

Square

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



4278937984



4285814395



4286797121



4282869829

Rectangle

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



4278937984



4283326601



4286797121



4284899638

Sweetspot

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



4278937984



4286160294



4278943776



4281945940



4292138196



4283716692

Same Dimension

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



4278937984



4278224294



4278923392



4281941568



4278216320



4278190080

Inverse Universe

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



4286581609



4289069189



4286601995



4282399038



4286578790



4278190080

Previews

White Background



This preview shows how the Android color 4278937984 looks on a white background.

Color Contrast Check

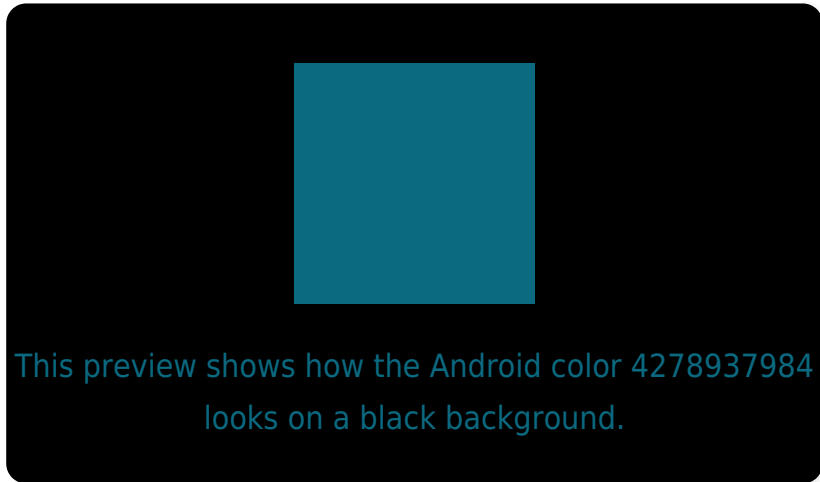
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

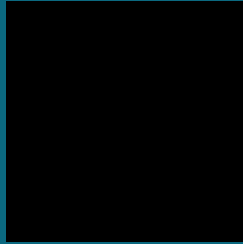
Any Text WCAG AA × Fail

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 4278937984 Background



This preview shows how black text looks on a background with the Android color 4278937984.

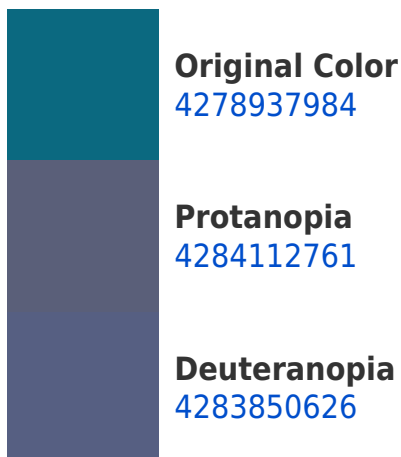


This preview shows how white text looks on a background with the Android color 4278937984.

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



Trichromacy



Original Color
4278937984

Protanomaly
4282213244

Deuteranomaly
4282082177

Tritanomaly
4278479480

Monochromacy



Original Color
4278937984

Achromatopsia
4283453520

Achromatomaly
4281817441

CSS Examples

Text

The CSS property to change the color of the text to Android 4278937984 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(11, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(11, 105, 128)  
}
```

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(11, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 105, 128) }
```

Border

The CSS property to change the border of an element to Android 4278937984 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(11, 105, 128) }
```

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

```
.border{ border-color:rgb(11, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(11, 105,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4278937984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 105, 128) }
```

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

```
.background{ background-color: rgb(11, 105,  
128) }
```

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