

# Converting Colors

Android(4279258959)

Have a look what the booklet for  
Android(4279258959) contains.

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# Color

**Android(4279258959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	104F4F
RGB	16, 79, 79
RGB Percent	6%, 31%, 31%
CMY	0.9373, 0.6902, 0.6902
CMYK	0.80, 0.00, 0.00, 0.69
HSL	180°, 66%, 19%
HSV	180°, 80%, 31%
XYZ	4.4210, 6.2666, 8.3737
YIQ	60.1630, -37.5480, -13.3560

# Conversions

## Conversions Part 2

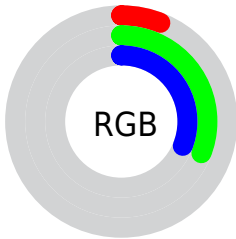
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 48, 79
Decimal	1068879
CIE Lab	30.08, -18.78, -5.61
CIE LCh	30, 19.605, 196.631
Yxy	6.2666, 0.2319, 0.3288
Android (android.graphics.Color)	4279258959 (0xFF104F4F)
YUV	60.1630, 9.2866, -38.7310
Hunter-Lab	25.0333, -12.2845, -2.3094

# Details

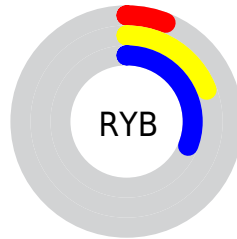
The Android color `4279258959` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283371536`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4282876032`, and `4278198819` is the 20% darker color. If you saturate the color by 10%, you get `4278734671`, and if you desaturate by 10%, it is `4279783247`.

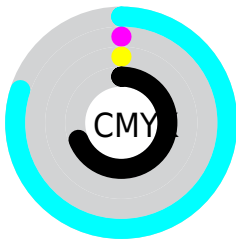
# Distribution



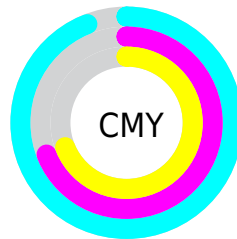
- Red (6%)
- Green (31%)
- Blue (31%)



- Red (6%)
- Yellow (19%)
- Blue (31%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (94%)
- Magenta (69%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279258959 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 4279258959 by changing the saturation by 10% instead.





4279258959



4279258959

4294967295



4278204472



4282876032



4278198819



4284586906



4278190350



4286363317



4278190080



4288139728



4289916653



4291756031



4293656575



4279258959



4279258959

■ 4278734671

■ 4279783247

■ 4278210383

■ 4280307535

■ 4280831823

■ 4281356111

■ 4281880399

■ 4282339151

■ 4282863439

■ 4283387727

■ 4283912015

# Harmonies

## Analogous

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



4280569663



4279258959



4279127644

# Triad

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



4279258959



4283646044



4283909161

# Complementary

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



4279258959



4283371536

# 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.



4284562993



4279258959



4284496974

# Square

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



4279258959



4282336612



4284824383



4282927401

# Rectangle

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



4279258959



4280110178



4284824383



4284170795



# Sweetspot

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



4279258959



4283328102



4279258896



4280562483



4289967027



4281545523



# Same Dimension

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



4279258959



4278478438



4279251023



4280428070



4278216294



4278249190



# Inverse Universe

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



4283371599



4284875878



4283379728



4280689190



4284874854



4293263590



# Previews

## White Background



This preview shows how the Android color 4279258959 looks on a white background.

## Color Contrast Check

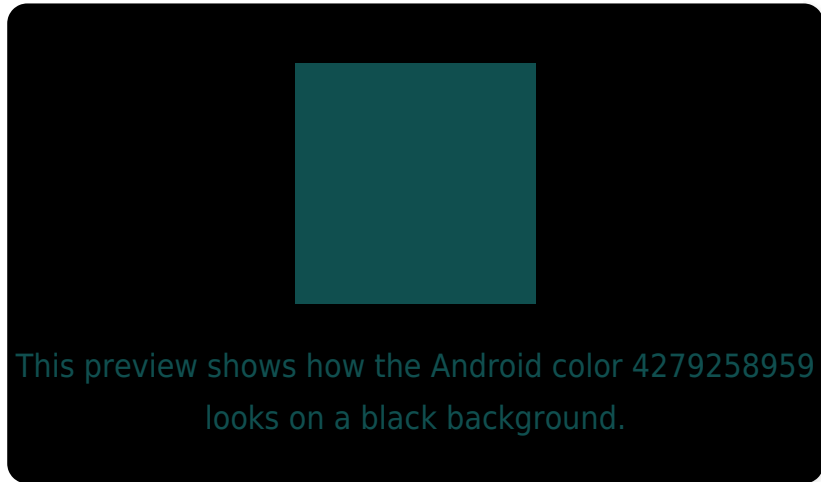
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279258959 Background



This preview shows how black text looks on a background with the Android color 4279258959.



This preview shows how white text looks on a background with the Android color 4279258959.

# 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**

4279258959

**Protanopia**

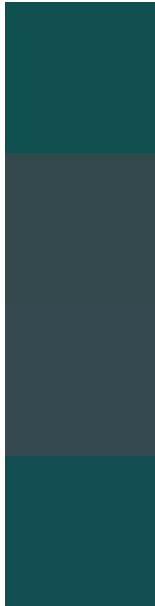
4282861130

**Deuteranopia**

4282991953



# Trichromacy



**Original Color**

4279258959

**Protanomaly**

4281551180

**Deuteranomaly**

4281616720

**Tritanomaly**

4279455315

# Monochromacy



**Original Color**

4279258959

**Achromatopsia**

4282137660

**Achromatomaly**

4281090883

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279258959 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(16, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(16, 79, 79)  
}
```

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(16, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 79, 79) }
```

## Border

The CSS property to change the border of an element to Android 4279258959 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(16, 79, 79) }
```

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

```
.border{ border-color:rgb(16, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(16, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(16, 79, 79)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279258959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 79, 79) }
```

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

```
.background{ background-color: rgb(16, 79,  
79) }
```

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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