

# Converting Colors

Android(4279461734)

Have a look what the booklet for  
Android(4279461734) contains.

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# Color

**Android(4279461734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	136766
RGB	19, 103, 102
RGB Percent	7%, 40%, 40%
CMY	0.9255, 0.5961, 0.6000
CMYK	0.82, 0.00, 0.01, 0.60
HSL	179°, 69%, 24%
HSV	179°, 82%, 40%
XYZ	7.5171, 10.7983, 14.2585
YIQ	77.7700, -49.7430, -18.1190

# Conversions

## Conversions Part 2

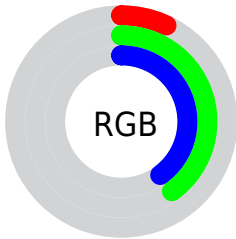
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 61, 103
Decimal	1271654
CIELab	39.24, -23.48, -6.32
CIElCh	39, 24.312, 195.076
Yxy	10.7983, 0.2308, 0.3315
Android (android.graphics.Color)	4279461734 (0xFF136766)
YUV	77.7700, 11.9454, -51.5413
Hunter-Lab	32.8607, -16.6733, -2.7238

# Details

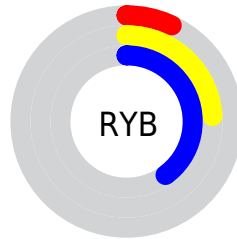
The Android color `4279461734` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284945172`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4283472793`, and `4278204215` is the 20% darker color. If you saturate the color by 10%, you get `4278806374`, and if you desaturate by 10%, it is `4280117094`.

# Distribution



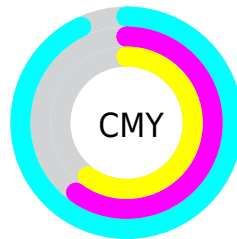
- Red (7%)
- Green (40%)
- Blue (40%)



- Red (7%)
- Yellow (24%)
- Blue (40%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



- Cyan (93%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279461734 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 4279461734 by changing the saturation by 10% instead.



 4279461734

 4279461734

4294967295

 4278210382

 4283472793

 4278204215

 4285248948

 4278198818

 4287091151

 4278190092

 4288933611

 4278190080

 4290772991

 4292673535

 4294574079

 4279461734

 4279461734

■ 4278806374

■ 4280117094

■ 4278216550

■ 4280837990

■ 4281493350

■ 4282148710

■ 4282869607

■ 4283524967

■ 4284180327

■ 4284835687

■ 4285556583

# Harmonies

## Analogous

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



4281362002



4279461734



4278936952

# Triad

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



4279461734



4285224056



4285683766

# Complementary

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



4279461734



4284945172

# 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.



4286533953



4279461734



4286402151

# Square

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



4279461734



4283456386



4286795091



4284505654

# Rectangle

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



4279461734



4280443776



4286795091



4286010681



# Sweetspot

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



4279461734



4284974983



4279527187



4281419077



4291085508



4282729797



# Same Dimension

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



4279461734



4278421382



4279451239



4281217843



4278219633



4278252271



# Inverse Universe

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



4284945172



4287038212



4284955667



4281544238



4285726721



4294049795



# Previews

## White Background



This preview shows how the Android color 4279461734 looks on a white background.

## Color Contrast Check

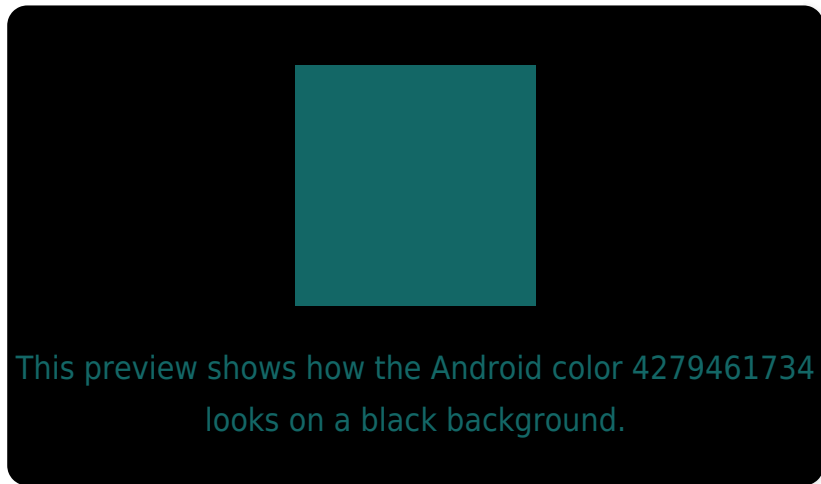
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279461734 Background



This preview shows how black text looks on a background with the Android color 4279461734.



This preview shows how white text looks on a background with the Android color 4279461734.

# 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**

4279461734

**Protanopia**

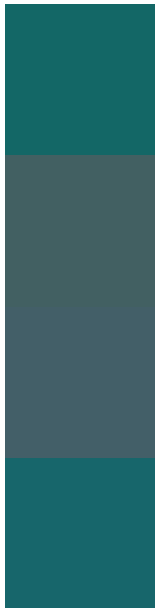
4284308575

**Deuteranopia**

4284439145



# Trichromacy



**Original Color**  
4279461734

**Protanomaly**  
4282540130

**Deuteranomaly**  
4282605416

**Tritanomaly**  
4279723627

# Monochromacy



**Original Color**  
4279461734

**Achromatopsia**  
4283321934

**Achromatomaly**  
4281947991

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279461734 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(19, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(19, 103, 102)  
}
```

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(19, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 103, 102) }
```

## Border

The CSS property to change the border of an element to Android 4279461734 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(19, 103, 102) }
```

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

```
.border{ border-color:rgb(19, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(19, 103,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4279461734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 103, 102) }
```

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

```
.background{ background-color: rgb(19, 103,  
102) }
```

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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