

# Converting Colors

Android(4279789943)

Have a look what the booklet for  
Android(4279789943) contains.

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# Color

**Android(4279789943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	186977
RGB	24, 105, 119
RGB Percent	9%, 41%, 47%
CMY	0.9059, 0.5882, 0.5333
CMYK	0.80, 0.12, 0.00, 0.53
HSL	189°, 66%, 28%
HSV	189°, 80%, 47%
XYZ	8.7580, 11.6293, 19.2358
YIQ	82.3770, -52.7700, -12.8180

# Conversions

## Conversions Part 2

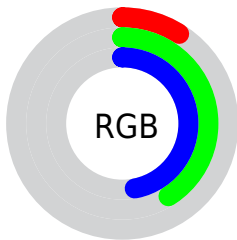
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 68, 119
Decimal	1599863
CIE <sub>Lab</sub>	40.62, -18.22, -14.60
CIE <sub>LCh</sub>	41, 23.348, 218.709
Yxy	11.6293, 0.2210, 0.2935
Android (android.graphics.Color)	4279789943 (0xFF186977)
YUV	82.3770, 18.0551, -51.1966
Hunter-Lab	34.1017, -13.8354, -9.5727

# Details

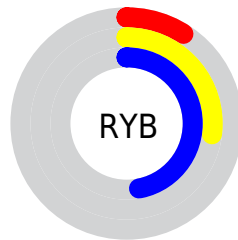
The Android color `4279789943` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285998616`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283800747`, and `4278204999` is the 20% darker color. If you saturate the color by 10%, you get `4279002999`, and if you desaturate by 10%, it is `4280576887`.

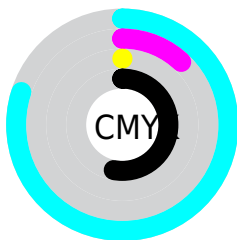
# Distribution



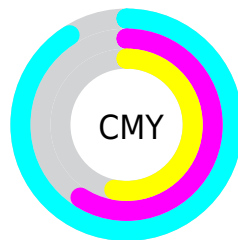
- Red (9%)
- Green (41%)
- Blue (47%)



- Red (9%)
- Yellow (27%)
- Blue (47%)



- Cyan (80%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (59%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279789943 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 4279789943 by changing the saturation by 10% instead.



4279789943

4279789943

4294967295

4278210910

4283800747

4278204999

4285642695

4278199344

4287484899

4278191644

4289327359

4278190080

4291166207

4293066751

4279789943

4279789943

4279002999

4280576887

■ 4278216055

■ 4281363831

■ 4282150519

■ 4282937463

■ 4283658871

■ 4284445815

■ 4285232503

■ 4286019447

■ 4286806391

# Harmonies

## Analogous

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



4280511077



4279789943



4281296259

# Triad

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



4279789943



4286337902



4284964922

# Complementary

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



4279789943



4285998616

# 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.



4286077500



4279789943



4286927195

# Square

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



4279789943



4285094270



4286796873



4283590209

# Rectangle

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



4279789943



4282671750



4286796873



4285357625



# Sweetspot

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



4279789943



4285961884



4279793445



4281879631



4291809231



4283387727



# Same Dimension

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



4279789943



4278617756



4279778167



4281678395



4278216826



4278244858



# Inverse Universe

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



4285995113



4288415366



4286010392



4282070330



4286185576



4294574293



# Previews

## White Background



This preview shows how the Android color 4279789943 looks on a white background.

## Color Contrast Check

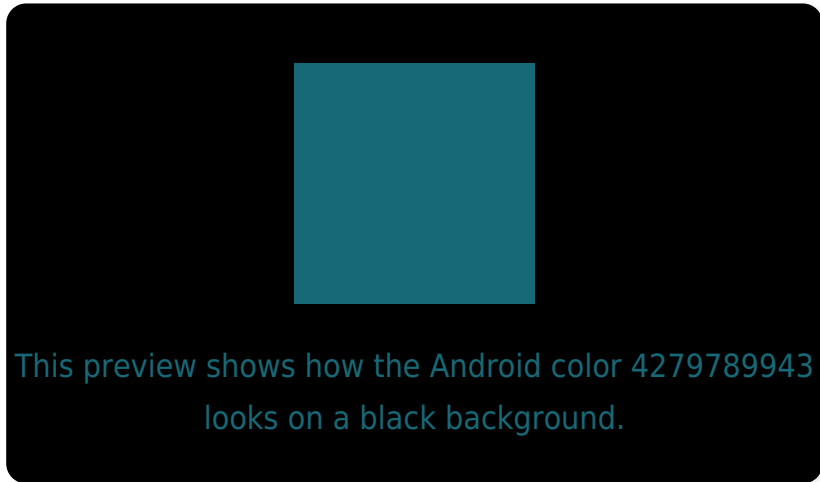
Large Text (above 18pt) WCAG AA ✓ Pass

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

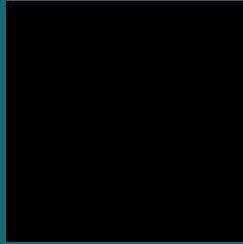
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279789943 Background



This preview shows how black text looks on a background with the Android color 4279789943.

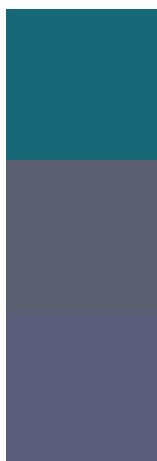


This preview shows how white text looks on a background with the Android color 4279789943.

# 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**

4279789943

**Protanopia**

4284243824

**Deuteranopia**

4284178042



# Trichromacy



**Original Color**  
4279789943

**Protanomaly**  
4282606451

**Deuteranomaly**  
4282606201

**Tritanomaly**  
4279593588

# Monochromacy



**Original Color**  
4279789943

**Achromatopsia**  
4283585106

**Achromatomaly**  
4282210911

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279789943 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(24, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(24, 105, 119)  
}
```

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(24, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 105, 119) }
```

## Border

The CSS property to change the border of an element to Android 4279789943 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(24, 105, 119) }
```

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

```
.border{ border-color:rgb(24, 105, 119) }
```

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

Here you see how a box with a 4 pixel rgb(24, 105, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(24, 105,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4279789943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 105, 119) }
```

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

```
.background{ background-color: rgb(24, 105,  
119) }
```

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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