

# Converting Colors

Android(4279793780)

Have a look what the booklet for  
Android(4279793780) contains.

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# Color

**Android(4279793780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	187874
RGB	24, 120, 116
RGB Percent	9%, 47%, 45%
CMY	0.9059, 0.5294, 0.5451
CMYK	0.80, 0.00, 0.03, 0.53
HSL	178°, 67%, 28%
HSV	178°, 80%, 47%
XYZ	10.2455, 14.8881, 18.8567
YIQ	90.8400, -55.9320, -21.5960

# Conversions

## Conversions Part 2

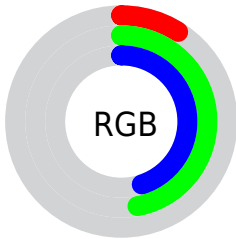
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 73, 120
Decimal	1603700
CIELab	45.48, -27.04, -5.48
CIELCh	45, 27.593, 191.454
Yxy	14.8881, 0.2329, 0.3384
Android (android.graphics.Color)	4279793780 (0xFF187874)
YUV	90.8400, 12.4039, -58.6187
Hunter-Lab	38.5851, -20.1266, -1.9657

# Details

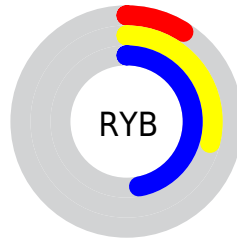
The Android color `4279793780` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286060572`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4283936168`, and `4278208324` is the 20% darker color. If you saturate the color by 10%, you get `4279007348`, and if you desaturate by 10%, it is `4280580213`.

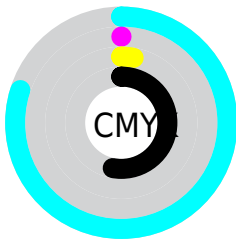
# Distribution



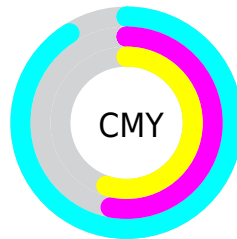
- Red (9%)
- Green (47%)
- Blue (45%)



- Red (9%)
- Yellow (29%)
- Blue (47%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279793780 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 4279793780 by changing the saturation by 10% instead.



 4279793780

 4279793780

4294967295

 4278214491

 4283936168

 4278208324

 4285778115

 4278202414

 4287620575

 4278197273

 4289462268

 4278190080

 4291362815

 4293263359

 4279793780

 4279793780

 4279007348

 4280580213

■ 4278220915

■ 4281366645

■ 4282153078

■ 4282939510

■ 4283725942

■ 4284512375

■ 4285298807

■ 4286085240

■ 4286871672

# Harmonies

## Analogous

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



4282152796



4279793780



4278285961

# Triad

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



4279793780



4286210702



4287063360

# Complementary

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



4279793780



4286060572

# 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.



4287979086



4279793780



4287585403

# Square

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



4279793780



4284050329



4288174692



4285689150

# Rectangle

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



4279793780



4280317076



4288174692



4287456068



# Sweetspot

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



4279793780



4285963418



4280121368



4281880398



4291809231



4283387727



# Same Dimension

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



4279793780



4278623381



4279782776



4281810237



4278222200



4278254834



# Inverse Universe

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



4286060572



4288415244



4286071576



4282201911



4286382085



4294705163



# Previews

## White Background



This preview shows how the Android color 4279793780 looks on a white background.

## Color Contrast Check

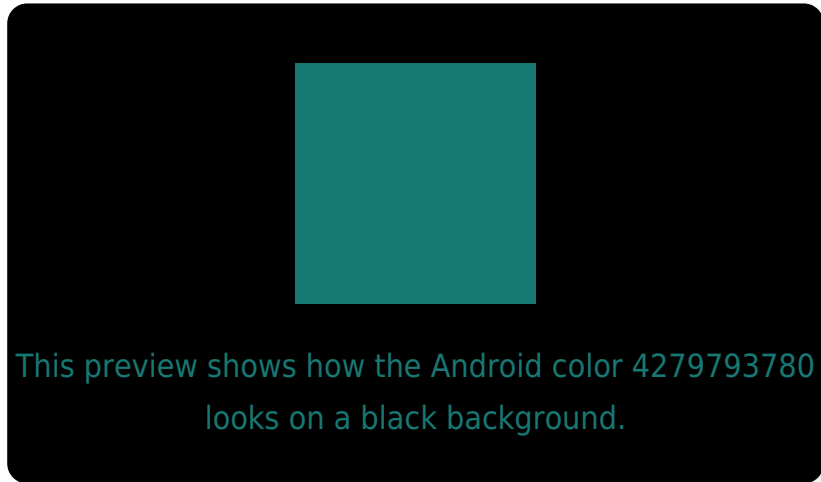
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279793780 Background



This preview shows how black text looks on a background with the Android color 4279793780.

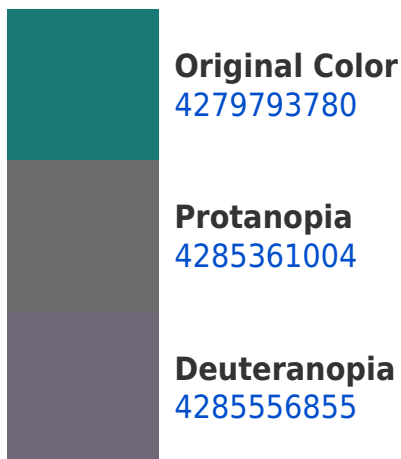


This preview shows how white text looks on a background with the Android color 4279793780.

# 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



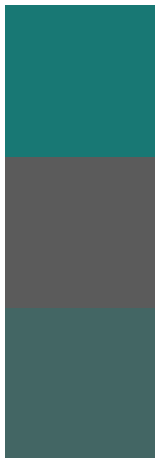
**Original Color**  
4279793780

**Protanomaly**  
4283330671

**Deuteranomaly**  
4283461238

**Tritanomaly**  
4280186748

# Monochromacy



**Original Color**  
4279793780

**Achromatopsia**  
4284177243

**Achromatomaly**  
4282607204

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279793780 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, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(24, 120, 116)  
}
```

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, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 120, 116) }
```

## Border

The CSS property to change the border of an element to Android 4279793780 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, 120, 116) }
```

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

```
.border{ border-color:rgb(24, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 120, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 120, 116);  
box-shadow:4px 4px 4px 4px rgb(24, 120,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4279793780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 120, 116) }
```

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

```
.background{ background-color: rgb(24, 120,  
116) }
```

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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