

# Converting Colors

Android(4279214780)

Have a look what the booklet for  
Android(4279214780) contains.

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# Color

**Android(4279214780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FA2BC
RGB	15, 162, 188
RGB Percent	6%, 64%, 74%
CMY	0.9412, 0.3647, 0.2627
CMYK	0.92, 0.14, 0.00, 0.26
HSL	189°, 85%, 40%
HSV	189°, 92%, 74%
XYZ	22.1944, 29.5731, 52.1154
YIQ	121.0110, -95.9580, -23.0780

# Conversions

## Conversions Part 2

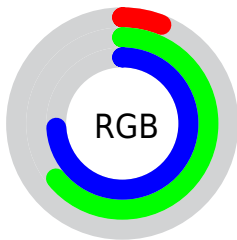
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 94, 188
Decimal	1024700
CIELab	61.28, -25.22, -23.20
CIELCh	61, 34.270, 222.604
Yxy	29.5731, 0.2136, 0.2847
Android (android.graphics.Color)	4279214780 (0xFF0FA2BC)
YUV	121.0110, 33.0256, -92.9716
Hunter-Lab	54.3811, -22.3162, -18.7529

# Details

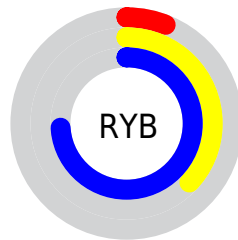
The Android color `4279214780` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290521359`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4284865012`, and `4278218375` is the 20% darker color. If you saturate the color by 10%, you get `4278231228`, and if you desaturate by 10%, it is `4280460732`.

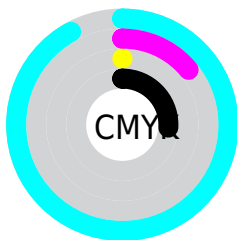
# Distribution



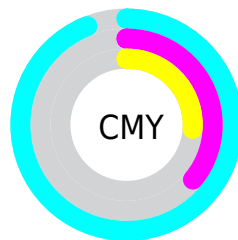
- Red (6%)
- Green (64%)
- Blue (74%)



- Red (6%)
- Yellow (37%)
- Blue (74%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (36%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279214780 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 4279214780 by changing the saturation by 10% instead.



 4279214780

 4279214780

4294967295

 4278225057

 4284865012

 4278218375

 4286904063

 4278211949

 4288937983

 4278206037

 4290904063

 4278200382

 4292870143

 4278192936

4294901759

 4278190354

 4278190080

 4279214780

 4279214780

■ 4278231228

■ 4280460732

■ 4281706684

■ 4282886844

■ 4284132796

■ 4285378748

■ 4286624700

■ 4287870652

■ 4289051068

■ 4290296764

# Harmonies

## Analogous

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



4280722592



4279214780



4282948813

# Triad

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



4279214780



4291067815



4288386648

# Complementary

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



4279214780



4290521359

# 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.



4290219098



4279214780



4291787912

# Square

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



4279214780



4289234881



4291461740



4286226022

# Rectangle

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



4279214780



4285306576



4291461740



4289041239



# Sweetspot

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



4279214780



4289784565



4279221289



4283528314



4294638330



4286216826



# Same Dimension

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



4279214780



4278243573



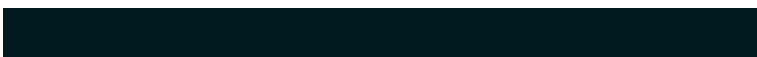
4279192764



4283784542



4278224542



4278196767



# Inverse Universe

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



4290514850



4294246608



4290543375



4284372317



4288544902



4280221722



# Previews

## White Background



This preview shows how the Android color 4279214780 looks on a white background.

## Color Contrast Check

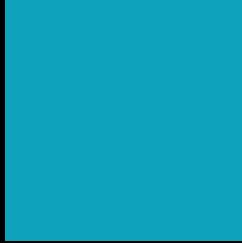
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4279214780 looks on a black 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

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



# Android 4279214780 Background



This preview shows how black text looks on a background with the Android color 4279214780.

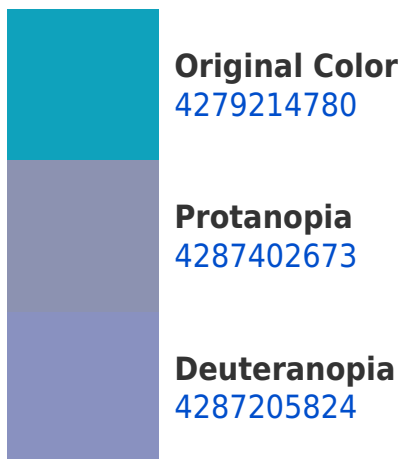


This preview shows how white text looks on a background with the Android color 4279214780.

# 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**

4279214780



**Protanomaly**

4284455093



**Deuteranomaly**

4284323775



**Tritanomaly**

4278559669

# Monochromacy



**Original Color**

4279214780



**Achromatopsia**

4286151033



**Achromatomaly**

4283598993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279214780 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(15, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(15, 162, 188)  
}
```

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(15, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 162, 188) }
```

## Border

The CSS property to change the border of an element to Android 4279214780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

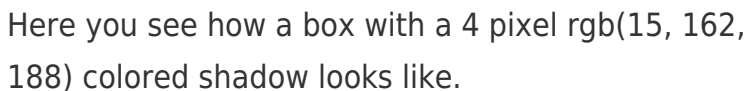
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(15, 162, 188) }
```

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

```
.border{ border-color:rgb(15, 162, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(15, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 162, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 162, 188); box-shadow:4px 4px 4px 4px rgb(15, 162, 188) }
```

# Background

The CSS property to change the background color of an element to Android 4279214780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 162, 188) }
```

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

```
.background{ background-color: rgb(15, 162,  
188) }
```

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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