

# Converting Colors

Android(4279406770)

Have a look what the booklet for  
Android(4279406770) contains.

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# Color

**Android(4279406770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1290B2
RGB	18, 144, 178
RGB Percent	7%, 56%, 70%
CMY	0.9294, 0.4353, 0.3020
CMYK	0.90, 0.19, 0.00, 0.30
HSL	193°, 82%, 38%
HSV	193°, 90%, 70%
XYZ	18.2586, 23.2895, 45.6525
YIQ	110.2020, -86.0100, -16.1380

# Conversions

## Conversions Part 2

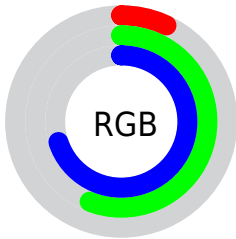
Format	Color
R <sub>Y</sub> B	18, 88, 178
Decimal	1216690
CIE Lab	55.37, -19.13, -26.64
CIE LCh	55, 32.796, 234.326
Yxy	23.2895, 0.2094, 0.2671
Android (android.graphics.Color)	4279406770 (0xFF1290B2)
YUV	110.2020, 33.4244, -80.8612
Hunter-Lab	48.2592, -16.9190, -22.3061

# Details

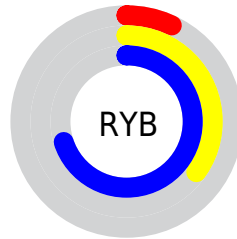
The Android color `4279406770` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289868818`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284663530`, and `4278214013` is the 20% darker color. If you saturate the color by 10%, you get `4278226098`, and if you desaturate by 10%, it is `4280587442`.

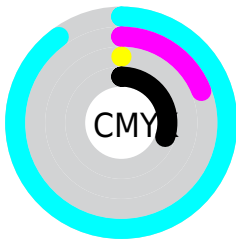
# Distribution



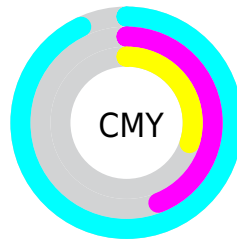
- Red (7%)
- Green (56%)
- Blue (70%)



- Red (7%)
- Yellow (35%)
- Blue (70%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (93%)
- Magenta (44%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279406770 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 4279406770 by changing the saturation by 10% instead.



 4279406770

 4279406770

4294967295

 4278220439

 4284663530

 4278214013

 4286636799

 4278208100

 4288610303

 4278202188

 4290576383

 4278197301

 4292542463

 4278190624

 4294508543

 4278190083

 4278190080

 4279406770

 4279406770

■ 4278226098

■ 4280587442

■ 4281768114

■ 4282882994

■ 4284063666

■ 4285244338

■ 4286425010

■ 4287605426

■ 4288720562

■ 4289901234

# Harmonies

## Analogous

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



4278227867



4279406770



4283468221

# Triad

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



4279406770



4290211723



4286548560

# Complementary

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



4279406770



4289868818

# 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.



4288446796



4279406770



4290539631

# Square

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



4279406770



4288902566



4289820503



4284387426

# Rectangle

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



4279406770



4285629371



4289820503



4287268685



# Sweetspot

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



4279406770



4289321960



4279415346



4283460981



4294309365



4285887861



# Same Dimension

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



4279406770



4278237160



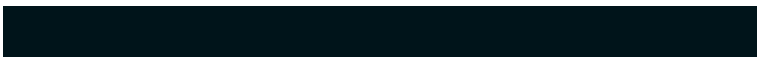
4279386802



4283455321



4278220953



4278195226



# Inverse Universe

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



4289860240



4293394615



4289888786



4284043351



4288217208



4279894036



# Previews

## White Background



This preview shows how the Android color 4279406770 looks on a white background.

## Color Contrast Check

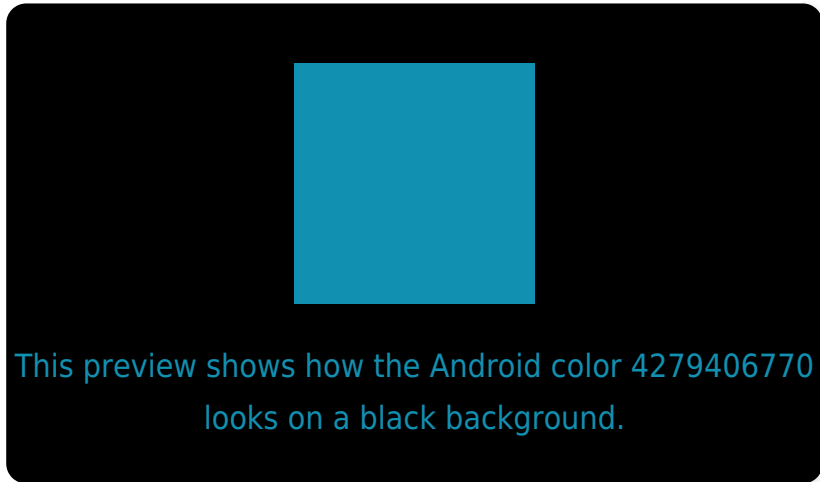
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

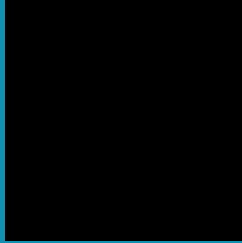
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279406770 Background



This preview shows how black text looks on a background with the Android color 4279406770.



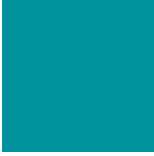
This preview shows how white text looks on a background with the Android color 4279406770.

# 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**  
4279406770

**Protanomaly**  
4283729836

**Deuteranomaly**  
4283467700

**Tritanomaly**  
4278686373

# Monochromacy



**Original Color**  
4279406770

**Achromatopsia**  
4285427310

**Achromatomaly**  
4283267719

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279406770 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(18, 144, 178)` looks like.

```
.text, #text, p{  
    color:rgb(18, 144, 178)  
}
```

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(18, 144, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 144, 178) }
```

## Border

The CSS property to change the border of an element to Android 4279406770 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(18, 144, 178) }
```

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

```
.border{ border-color:rgb(18, 144, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 144, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 144, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 144, 178);  
box-shadow:4px 4px 4px 4px rgb(18, 144,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4279406770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 144, 178) }
```

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

```
.background{ background-color: rgb(18, 144,  
178) }
```

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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