

# Converting Colors

Android(4279796154)

Have a look what the booklet for  
Android(4279796154) contains.

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# Color

**Android(4279796154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1881BA
RGB	24, 129, 186
RGB Percent	9%, 51%, 73%
CMY	0.9059, 0.4941, 0.2706
CMYK	0.87, 0.31, 0.00, 0.27
HSL	201°, 77%, 41%
HSV	201°, 87%, 73%
XYZ	17.0899, 19.4399, 49.3059
YIQ	104.1030, -80.8770, -4.5330

# Conversions

## Conversions Part 2

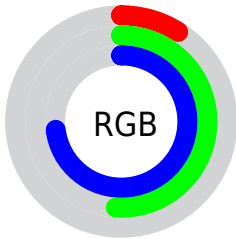
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 88, 186
Decimal	1606074
CIE <sub>Lab</sub>	51.20, -7.44, -37.72
CIE <sub>LCh</sub>	51, 38.451, 258.847
Yxy	19.4399, 0.1991, 0.2265
Android (android.graphics.Color)	4279796154 (0xFF1881BA)
YUV	104.1030, 40.3752, -70.2503
Hunter-Lab	44.0907, -7.9708, -35.4396

# Details

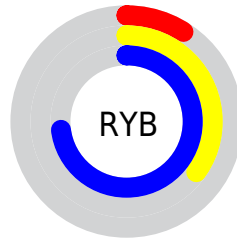
The Android color `4279796154` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290400536`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284790514`, and `4278210692` is the 20% darker color. If you saturate the color by 10%, you get `4278549178`, and if you desaturate by 10%, it is `4281043130`.

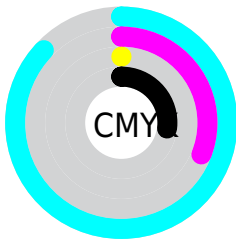
# Distribution



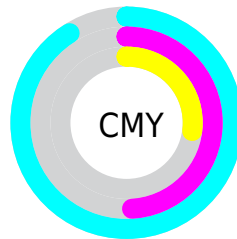
- Red (9%)
- Green (51%)
- Blue (73%)



- Red (9%)
- Yellow (35%)
- Blue (73%)



- Cyan (87%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 429796154 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 429796154 by changing the saturation by 10% instead.



 4279796154

 4279796154

4294967295

 4278216863

 4284790514

 4278210692

 4286829055

 4278204779

 4288802303

 4278199378

 4290707455

 4278193723

 4292673535

 4278190629

 4294705151

 4278190349

 4278190080

 4279796154

 4279796154

■ 4278549178

■ 4281043130

■ 4278221242

■ 4282224314

■ 4283471290

■ 4284652474

■ 4285899450

■ 4287146170

■ 4288327610

■ 4289574330

■ 4290755770

# Harmonies

## Analogous

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



4278225067



4279796154



4285101752

# Triad

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



4279796154



4290273126



4283663949

# Complementary

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



4279796154



4290400536

# 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.



4286152505



4279796154



4289685578

# Square

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



4279796154



4289814664



4288181304



4279732844

# Rectangle

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



4279796154



4287196845



4288181304



4284580933



# Sweetspot

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



4279796154



4289977586



4279810641



4283723130



4294638330



4286216826



# Same Dimension

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



4279796154



4278230514



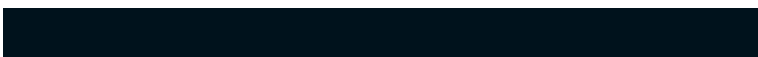
4279775418



4283652444



4278216092



4278194716



# Inverse Universe

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



4290386049



4294049949



4290421272



4284240729



4288413797



4280025106



# Previews

## White Background



This preview shows how the Android color 4279796154 looks on a white background.

## Color Contrast Check

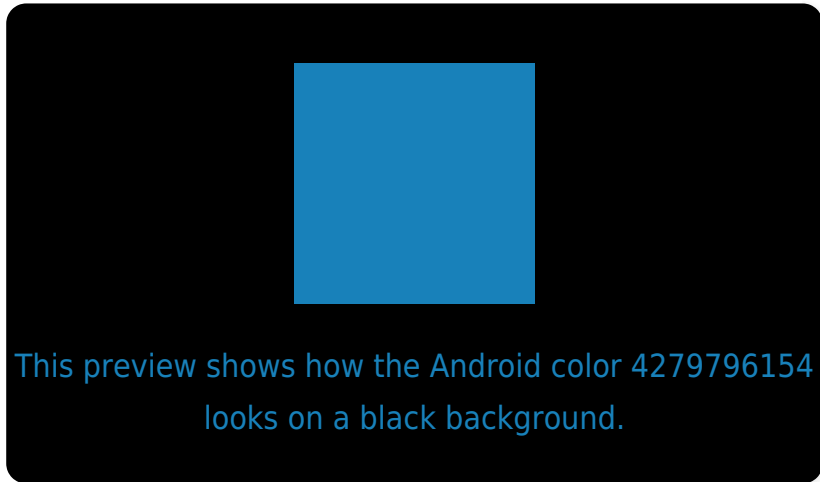
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279796154 Background



This preview shows how black text looks on a background with the Android color 4279796154.



This preview shows how white text looks on a background with the Android color 4279796154.

# 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**  
4279796154

**Protanomaly**  
4283071413

**Deuteranomaly**  
4282416315

**Tritanomaly**  
4278814112

# Monochromacy



**Original Color**  
4279796154

**Achromatopsia**  
4285032552

**Achromatomaly**  
4283134342

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279796154 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, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(24, 129, 186)  
}
```

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, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 129, 186) }
```

## Border

The CSS property to change the border of an element to Android 4279796154 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, 129, 186) }
```

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

```
.border{ border-color:rgb(24, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(24, 129,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4279796154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 129, 186) }
```

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

```
.background{ background-color: rgb(24, 129,  
186) }
```

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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