

# Converting Colors

Android(4279990438)

Have a look what the booklet for  
Android(4279990438) contains.

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# Color

**Android(4279990438)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B78A6
RGB	27, 120, 166
RGB Percent	11%, 47%, 65%
CMY	0.8941, 0.5294, 0.3490
CMYK	0.84, 0.28, 0.00, 0.35
HSL	200°, 72%, 38%
HSV	200°, 84%, 65%
XYZ	14.0514, 16.4191, 38.5050
YIQ	97.4370, -70.1940, -5.4100

# Conversions

## Conversions Part 2

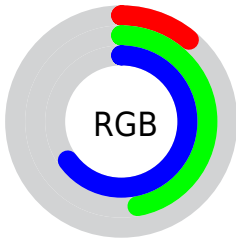
Format	Color
<b>RYB</b>	27, 83, 166
Decimal	1800358
CIELab	47.52, -9.41, -31.92
CIELCh	48, 33.274, 253.572
Yxy	16.4191, 0.2037, 0.2380
Android (android.graphics.Color)	4279990438 (0xFF1B78A6)
YUV	97.4370, 33.8016, -61.7732
Hunter-Lab	40.5205, -9.0120, -27.9765

# Details

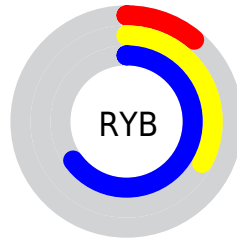
The Android color `4279990438` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289087771`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284591325`, and `4278208626` is the 20% darker color. If you saturate the color by 10%, you get `4278875046`, and if you desaturate by 10%, it is `4281105830`.

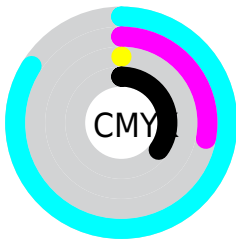
# Distribution



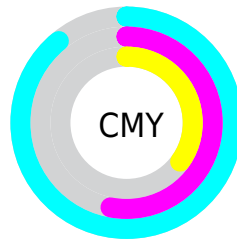
- Red (11%)
- Green (47%)
- Blue (65%)



- Red (11%)
- Yellow (33%)
- Blue (65%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (53%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279990438 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 4279990438 by changing the saturation by 10% instead.



 4279990438

 4279990438

4294967295

 4278214539

 4284591325

 4278208626

 4286498810

 4278202713

 4288406527

 4278197569

 4290314239

 4278190891

 4292280319

 4278190357


 4294246399

 4278190080

 4279990438

 4279990438

 4278875046

 4281105830

■ 4278218662

■ 4282155942

■ 4283271334

■ 4284321446

■ 4285436838

■ 4286552486

■ 4287602342

■ 4288717990

■ 4289767846

# Harmonies

## Analogous

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



4278222231



4279990438



4284182439

# Triad

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



4279990438



4289092197



4283923015

# Complementary

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



4279990438



4289087771

# 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.



4285952825



4279990438



4288766027

# Square

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



4279990438



4288502913



4287588923



4281302624

# Rectangle

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



4279990438



4286081183



4287588923



4284643393



# Sweetspot

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



4279990438



4288923609



4280002119



4283261806



4293783021



4285427310



# Same Dimension

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



4279990438



4278227417



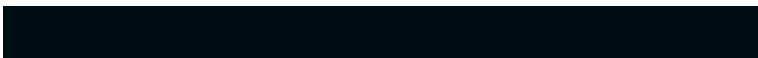
4279973030



4283191636



4278215572



4278193684



# Inverse Universe

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



4289076088



4292411537



4289105179



4283714641



4287889507



4279500814



# Previews

## White Background



This preview shows how the Android color 4279990438 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



This preview shows how the Android color 4279990438 looks on a 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 4279990438 Background



This preview shows how black text looks on a background with the Android color 4279990438.



This preview shows how white text looks on a background with the Android color 4279990438.

# 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**  
4279990438

**Protanomaly**  
4282938017

**Deuteranomaly**  
4282479527

**Tritanomaly**  
4278877074

# Monochromacy



**Original Color**  
4279990438

**Achromatopsia**  
4284572001

**Achromatomaly**  
4282935674

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279990438 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(27, 120, 166)` looks like.

```
.text, #text, p{  
    color:rgb(27, 120, 166)  
}
```

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(27, 120, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 120, 166) }
```

## Border

The CSS property to change the border of an element to Android 4279990438 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(27, 120, 166) }
```

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

```
.border{ border-color:rgb(27, 120, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 120, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 120, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 120, 166);  
box-shadow:4px 4px 4px 4px rgb(27, 120,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4279990438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 120, 166) }
```

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

```
.background{ background-color: rgb(27, 120,  
166) }
```

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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