

# Converting Colors

Android(4278552461)

Have a look what the booklet for  
Android(4278552461) contains.

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# Color

**Android(4278552461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	05878D
RGB	5, 135, 141
RGB Percent	2%, 53%, 55%
CMY	0.9804, 0.4706, 0.4471
CMYK	0.96, 0.04, 0.00, 0.45
HSL	183°, 93%, 29%
HSV	183°, 96%, 55%
XYZ	13.5343, 19.2833, 28.2080
YIQ	96.8140, -79.4060, -25.6940

# Conversions

## Conversions Part 2

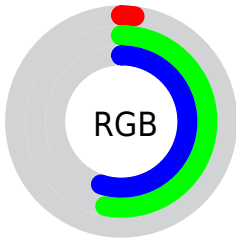
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 71, 141
Decimal	362381
CIELab	51.02, -27.77, -11.95
CIELCh	51, 30.232, 203.285
Yxy	19.2833, 0.2218, 0.3160
Android (android.graphics.Color)	4278552461 (0xFF05878D)
YUV	96.8140, 21.7837, -80.5209
Hunter-Lab	43.9128, -21.8321, -7.3469

# Details

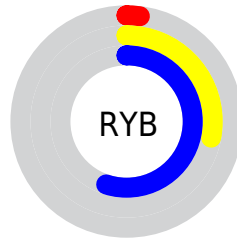
The Android color `4278552461` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287433477`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4283940291`, and `4278211931` is the 20% darker color. If you saturate the color by 10%, you get `4278224781`, and if you desaturate by 10%, it is `4279470221`.

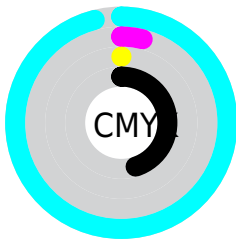
# Distribution



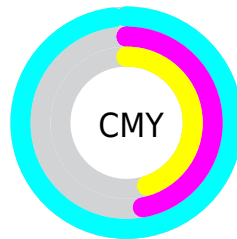
- Red (2%)
- Green (53%)
- Blue (55%)



- Red (2%)
- Yellow (28%)
- Blue (55%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (98%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278552461 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 4278552461 by changing the saturation by 10% instead.





4278552461



4278552461

4294967295



4278218099



4283940291



4278211931



4285913566



4278205763



4287821307



4278200109



4289724415



4278192153



4291624959



4278190080



4293591039



4278552461



4278552461




4278224781



4279470221

 4280387725

 4281305485

 4282222989

 4283206285

 4284124045

 4285041549

 4285959309

 4286877069

# Harmonies

## Analogous

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



4281698163



4278552461



4279600290

# Triad

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



4278552461



4287917209



4287657542

# Complementary

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



4278552461



4287433477

# 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.



4288900433



4278552461



4289160832

# Square

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



4278552461



4285822377



4289488486



4285955657

# Rectangle

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



4278552461



4281958570



4289488486



4288115528



# Sweetspot

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



4278552461



4286756280



4278553866



4282145372



4292598747



4284243036



# Same Dimension

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



4278552461



4278235320



4278535309



4282402631



4278223239



4278191880



# Inverse Universe

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



4287432071



4290248880



4287450629



4282859591



4287037569



4278714375



# Previews

## White Background



This preview shows how the Android color 4278552461 looks on a white background.

## Color Contrast Check

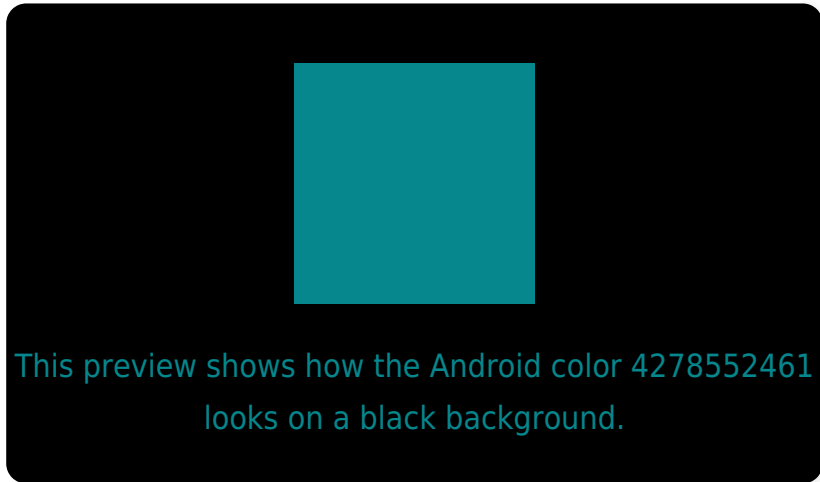
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278552461 Background



This preview shows how black text looks on a background with the Android color 4278552461.

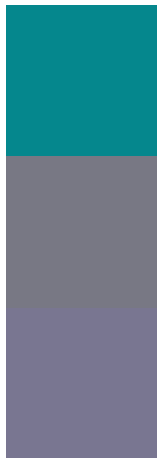


This preview shows how white text looks on a background with the Android color 4278552461.

# 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



**Original Color**  
4278552461

**Protanopia**  
4286085252

**Deuteranopia**  
4286150289



# Trichromacy



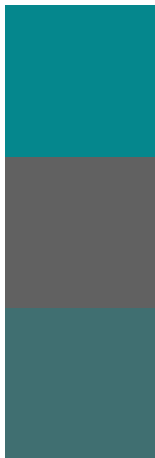
**Original Color**  
4278552461

**Protanomaly**  
4283334023

**Deuteranomaly**  
4283399312

**Tritanomaly**  
4279076496

# Monochromacy



**Original Color**  
4278552461

**Achromatopsia**  
4284572001

**Achromatomaly**  
4282412913

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278552461 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(5, 135, 141)` looks like.

```
.text, #text, p{  
    color:rgb(5, 135, 141)  
}
```

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(5, 135, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 135, 141) }
```

## Border

The CSS property to change the border of an element to Android 4278552461 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(5, 135, 141) }
```

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

```
.border{ border-color:rgb(5, 135, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 135, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 135, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 135, 141);  
box-shadow:4px 4px 4px 4px rgb(5, 135,  
141) }
```

# Background

The CSS property to change the background color of an element to Android 4278552461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 135, 141) }
```

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

```
.background{ background-color: rgb(5, 135,  
141) }
```

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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