

# Converting Colors

Android(4278346593)

Have a look what the booklet for  
Android(4278346593) contains.

<b>Android(4278346593)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4278346593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	026361
RGB	2, 99, 97
RGB Percent	1%, 39%, 38%
CMY	0.9922, 0.6118, 0.6196
CMYK	0.98, 0.00, 0.02, 0.61
HSL	179°, 96%, 20%
HSV	179°, 98%, 39%
XYZ	6.6445, 9.7997, 12.8506
YIQ	69.7690, -57.1700, -21.1860

# Conversions

## Conversions Part 2

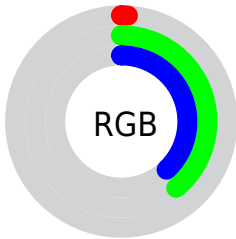
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 51, 99
Decimal	156513
CIE Lab	37.48, -24.55, -5.90
CIE LCh	37, 25.243, 193.507
Yxy	9.7997, 0.2268, 0.3345
Android (android.graphics.Color)	4278346593 (0xFF026361)
YUV	69.7690, 13.4249, -59.4334
Hunter-Lab	31.3044, -16.8950, -2.4257

# Details

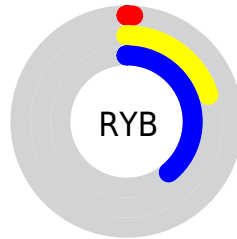
The Android color `4278346593` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284678660`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4283012756`, and `4278203443` is the 20% darker color. If you saturate the color by 10%, you get `4278215521`, and if you desaturate by 10%, it is `4279001953`.

# Distribution



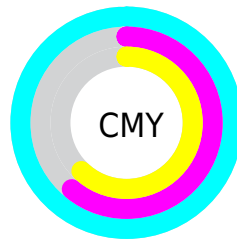
- Red (1%)
- Green (39%)
- Blue (38%)



- Red (1%)
- Yellow (20%)
- Blue (39%)



- Cyan (98%)
- Magenta (0%)
- Yellow (2%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278346593 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 4278346593 by changing the saturation by 10% instead.



 4278346593

 4278346593

4294967295

 4278209353

 4283012756

 4278203443

 4284789166

 4278198302

 4286565833

 4278190084

 4288408038

 4278190080

 4290248703

 4292149247

 4294049791

 4278346593

 4278346593

■ 4278215521

■ 4279001953

■ 4279657313

■ 4280312674

■ 4280968034

■ 4281623394

■ 4282213218

■ 4282868578

■ 4283523939

■ 4284179299

# Harmonies

## Analogous

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



4281033292



4278346593



4278215284

# Triad

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



4278346593



4284895350



4285485873

# Complementary

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



4278346593



4284678660

# 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.



4286336061



4278346593



4286138980

# Square

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



4278346593



4282996608



4286597200



4284242480

# Rectangle

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



4278346593



4279459708



4286597200



4285813044



# Sweetspot

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



4278346593



4284186751



4278543106



4280893503



4290756543



4282400832



# Same Dimension

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



4278346593



4278222973



4278335075



4281086000



4278218862



4278251755



# Inverse Universe

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



4284678660



4286578691



4284690178



4281347116



4285530114



4293918725



# Previews

## White Background



This preview shows how the Android color 4278346593 looks on a white background.

## Color Contrast Check

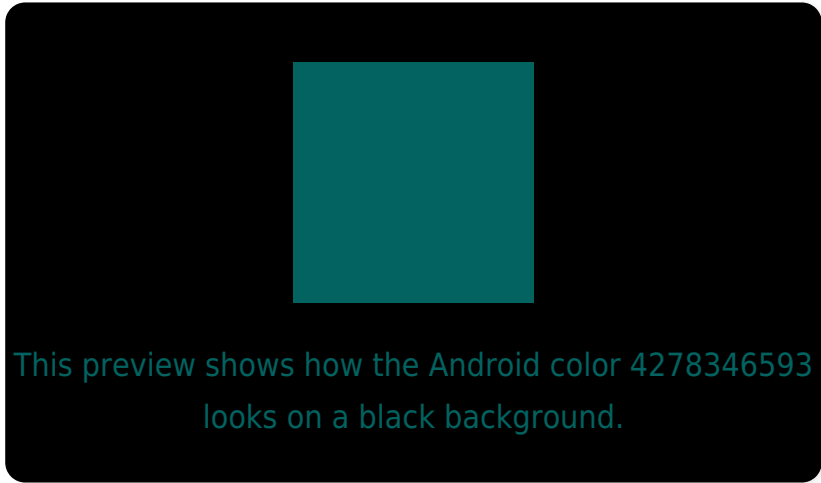
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

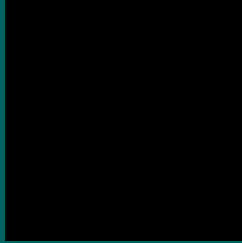
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278346593 Background



This preview shows how black text looks on a background with the Android color 4278346593.



This preview shows how white text looks on a background with the Android color 4278346593.

# 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**

4278346593

**Protanopia**

4284045402

**Deuteranopia**

4284175972



# Trichromacy



**Original Color**  
4278346593

**Protanomaly**  
4281949277

**Deuteranomaly**  
4282080099

**Tritanomaly**  
4279067239

# Monochromacy



**Original Color**  
4278346593

**Achromatopsia**  
4282795590

**Achromatomaly**  
4281160016

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278346593 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(2, 99, 97)` looks like.

```
.text, #text, p{  
    color:rgb(2, 99, 97)  
}
```

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(2, 99, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 99, 97) }
```

## Border

The CSS property to change the border of an element to Android 4278346593 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(2, 99, 97) }
```

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

```
.border{ border-color:rgb(2, 99, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 99, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 99, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 99, 97); box-shadow:4px  
4px 4px 4px rgb(2, 99, 97) }
```

# Background

The CSS property to change the background color of an element to Android 4278346593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 99, 97) }
```

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

```
.background{ background-color: rgb(2, 99,  
97) }
```

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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