

# Converting Colors

Android(4278936578)

Have a look what the booklet for  
Android(4278936578) contains.

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**Color**

**Android(4278936578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B6402
RGB	11, 100, 2
RGB Percent	4%, 39%, 1%
CMY	0.9569, 0.6078, 0.9922
CMYK	0.89, 0.00, 0.98, 0.61
HSL	114°, 96%, 20%
HSV	114°, 98%, 39%
XYZ	4.7061, 9.1899, 1.5832
YIQ	62.2170, -21.5860, -49.3460

# Conversions

## Conversions Part 2

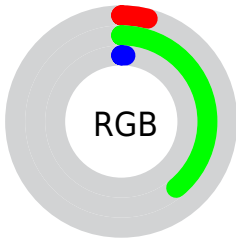
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 100, 91
Decimal	746498
CIELab	36.35, -42.03, 41.44
CIELCh	36, 59.024, 135.408
Yxy	9.1899, 0.3040, 0.5937
Android (android.graphics.Color)	4278936578 (0xFF0B6402)
YUV	62.2170, -29.6870, -44.9173
Hunter-Lab	30.3148, -25.3402, 18.1239

# Details

The Android color **4278936578** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4284154468**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4283209786**, and **4278203392** is the 20% darker color. If you saturate the color by 10%, you get **4278805504**, and if you desaturate by 10%, it is **4279526412**.

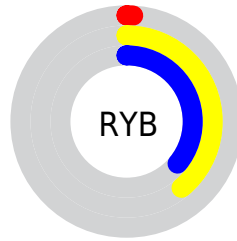
# Distribution



Red (4%)

Green (39%)

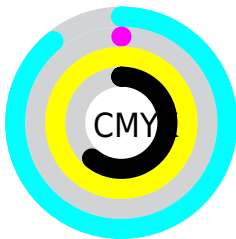
Blue (1%)



Red (1%)

Yellow (39%)

Blue (36%)

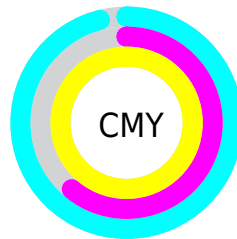


Cyan (89%)

Magenta (0%)

Yellow (98%)

Black (61%)



Cyan (96%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278936578 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 4278936578 by changing the saturation by 10% instead.



 4278936578

 4278936578

 4294967286

 4278209280

 4283209786

 4278203392

 4284986195

 4278197760

 4286828396

 4278190080

 4288605063

 4290510754

 4292345789

 4294311897

 4278936578

 4278936578

■ 4278805504

■ 4279526412

■ 4280116246

■ 4280706080

■ 4281295914

■ 4281885748

■ 4282475582

■ 4283130952

■ 4283720786

■ 4284310620

# Harmonies

## Analogous

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



4283587328



4278936578



4278216764

# Triad

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



4278936578



4278215346



4289140543

# Complementary

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



4278936578



4284154468

# 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.



4288486767



4278936578



4278211506

# Square

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



4278936578



4278216857



4285873049



4288230161

# Rectangle

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



4278936578



4278217309



4285873049



4289139535



# Sweetspot

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



4278936578



4284514908



4284766722



4281156139



4290953922



4282532418



# Same Dimension

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



4278936578



4279009792



4278346793



4281217838



4278940416



4279693824



# Inverse Universe

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



4284154468



4285923458



4284744253



4281544243



4285005939

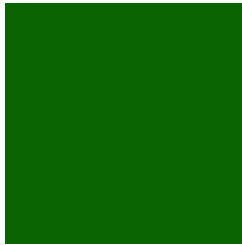


4292608242



# Previews

## White Background



This preview shows how the Android color 4278936578 looks on a white background.

## Color Contrast Check

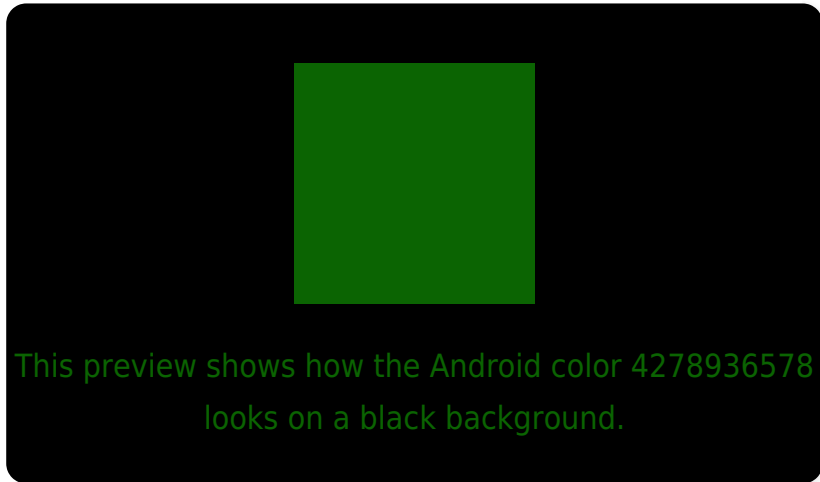
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278936578 Background



This preview shows how black text looks on a background with the Android color 4278936578.



This preview shows how white text looks on a background with the Android color 4278936578.

# 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**  
4278936578

**Protanopia**  
4284503552

**Deuteranopia**  
4285223190



# Trichromacy



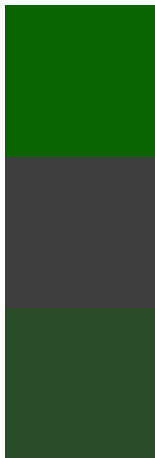
**Original Color**  
4278936578

**Protanomaly**  
4282473217

**Deuteranomaly**  
4282931215

**Tritanomaly**  
4280246336

# Monochromacy



**Original Color**  
4278936578

**Achromatopsia**  
4282269246

**Achromatomaly**  
4281027624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278936578 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(11, 100, 2)` looks like.

```
.text, #text, p{  
    color:rgb(11, 100, 2)  
}
```

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(11, 100, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 100, 2) }
```

## Border

The CSS property to change the border of an element to Android 4278936578 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(11, 100, 2) }
```

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

```
.border{ border-color:rgb(11, 100, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 100, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 100, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 100, 2);  
box-shadow:4px 4px 4px 4px rgb(11, 100, 2)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278936578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 100, 2) }
```

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

```
.background{ background-color: rgb(11, 100,  
2) }
```

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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