

# Converting Colors

Android(4278346792)

Have a look what the booklet for  
Android(4278346792) contains.

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# Color

**Android(4278346792)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	026428
RGB	2, 100, 40
RGB Percent	1%, 39%, 16%
CMY	0.9922, 0.6078, 0.8431
CMYK	0.98, 0.00, 0.60, 0.61
HSL	143°, 96%, 20%
HSV	143°, 98%, 39%
XYZ	4.9652, 9.2805, 3.5371
YIQ	63.8580, -39.1480, -39.4360

# Conversions

## Conversions Part 2

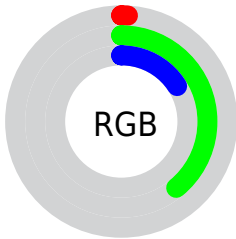
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 73, 100
Decimal	156712
CIELab	36.52, -39.46, 26.73
CIELCh	37, 47.665, 145.884
Yxy	9.2805, 0.2792, 0.5219
Android (android.graphics.Color)	4278346792 (0xFF026428)
YUV	63.8580, -11.7620, -54.2495
Hunter-Lab	30.4638, -24.2185, 14.4406

# Details

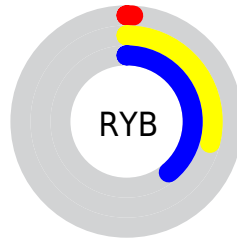
The Android color **4278346792** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284744254**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4282816599**, and **4278203392** is the 20% darker color. If you saturate the color by 10%, you get **4278215719**, and if you desaturate by 10%, it is **4279002158**.

# Distribution



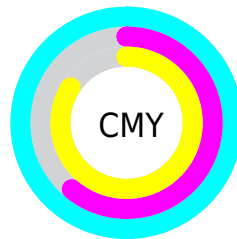
- Red (1%)
- Green (39%)
- Blue (16%)



- Red (1%)
- Yellow (29%)
- Blue (39%)



- Cyan (98%)
- Magenta (0%)
- Yellow (60%)
- Black (61%)



- Cyan (99%)
- Magenta (61%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278346792 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 4278346792 by changing the saturation by 10% instead.



 4278346792

 4278346792

4294967295

 4278209297

 4282816599

 4278203392

 4284658544

 4278198016

 4286435210

 4278190080

 4288211876

 4290052032

 4291952604

 4293853176

 4278346792

 4278346792

■ 4278215719

■ 4279002158

■ 4279657524

■ 4280312890

■ 4280968256

■ 4281623623

■ 4282278989

■ 4282934355

■ 4283589721

■ 4284245087

# Harmonies

## Analogous

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



4282932737



4278346792



4278216527

# Triad

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



4278346792



4278213795



4288164407

# Complementary

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



4278346792



4284744254

# 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.



4288097885



4278346792



4283059867

# Square

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



4278346792



4278215829



4286528641



4287120148

# Rectangle

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



4278346792



4278216554



4286528641



4288294723



# Sweetspot

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



4278346792



4284252779



4282278914



4281025076



4290953922



4282532418



# Same Dimension

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



4278346792



4278223410



4278346841



4281217840



4278219564



4278252126



# Inverse Universe

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



4284744254



4286709840



4284744205



4281544241



4285726790

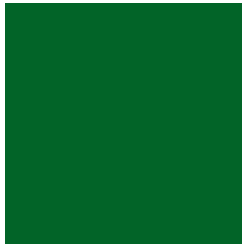


4294049940



# Previews

## White Background



This preview shows how the Android color 4278346792 looks on a white background.

## Color Contrast Check

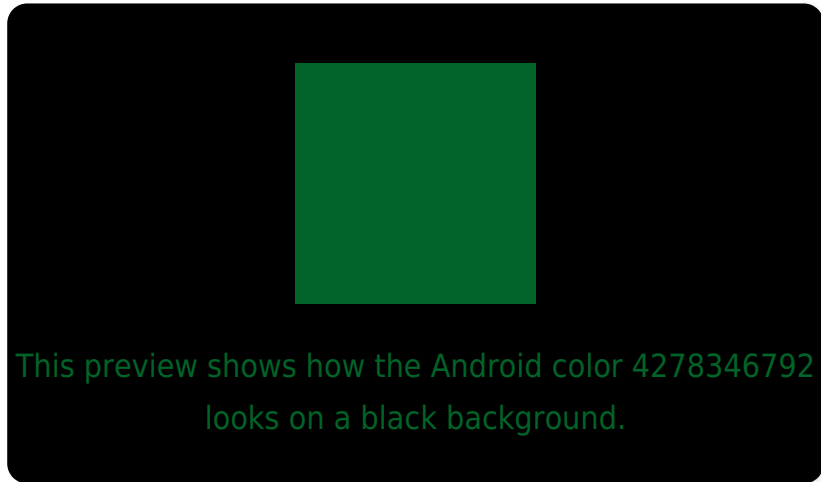
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278346792 Background



This preview shows how black text looks on a background with the Android color 4278346792.



This preview shows how white text looks on a background with the Android color 4278346792.

# 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**  
4278346792

**Protanopia**  
4284503588

**Deuteranopia**  
4285092397



# Trichromacy



**Original Color**

4278346792



**Protanomaly**

4282276645



**Deuteranomaly**

4282669355



**Tritanomaly**

4279918671

# Monochromacy



**Original Color**

4278346792



**Achromatopsia**

4282400832



**Achromatomaly**

4280896823

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278346792 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, 100, 40)` looks like.

```
.text, #text, p{  
    color:rgb(2, 100, 40)  
}
```

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, 100, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 100, 40) }
```

## Border

The CSS property to change the border of an element to Android 4278346792 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, 100, 40) }
```

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

```
.border{ border-color:rgb(2, 100, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 100, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 100, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 100, 40);  
box-shadow:4px 4px 4px 4px rgb(2, 100, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278346792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 100, 40) }
```

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

```
.background{ background-color: rgb(2, 100,  
40) }
```

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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