

# Converting Colors

Android(4278874660)

Have a look what the booklet for  
Android(4278874660) contains.

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# Color

**Android(4278874660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A7224
RGB	10, 114, 36
RGB Percent	4%, 45%, 14%
CMY	0.9608, 0.5529, 0.8588
CMYK	0.91, 0.00, 0.68, 0.55
HSL	135°, 84%, 24%
HSV	135°, 91%, 45%
XYZ	6.4609, 12.2265, 3.6885
YIQ	74.0120, -36.9460, -46.3060

# Conversions

## Conversions Part 2

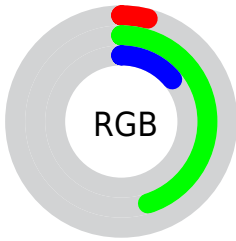
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 93, 114
Decimal	684580
CIELab	41.57, -44.10, 34.55
CIELCh	42, 56.027, 141.924
Yxy	12.2265, 0.2887, 0.5464
Android (android.graphics.Color)	4278874660 (0xFF0A7224)
YUV	74.0120, -18.7399, -56.1385
Hunter-Lab	34.9665, -28.2090, 18.2222

# Details

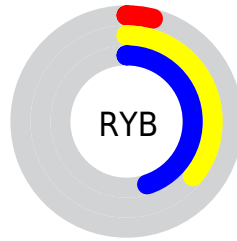
The Android color `4278874660` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285663832`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283344725`, and `4278206464` is the 20% darker color. If you saturate the color by 10%, you get `4278219293`, and if you desaturate by 10%, it is `4279595565`.

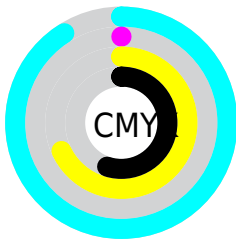
# Distribution



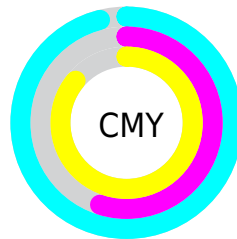
- Red (4%)
- Green (45%)
- Blue (14%)



- Red (4%)
- Yellow (36%)
- Blue (45%)



- Cyan (91%)
- Magenta (0%)
- Yellow (68%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278874660 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 4278874660 by changing the saturation by 10% instead.



 4278874660

 4278874660

4294967295

 4278212874

 4283344725

 4278206464

 4285186926

 4278201088

 4287029128

 4278192896

 4288871586

 4278190080

 4290707390

 4292607962

 4294574071

 4278874660

 4278874660

■ 4278219293

■ 4279595565

■ 4280382005

■ 4281102910

■ 4281889350

■ 4282610255

■ 4283331159

■ 4284117600

■ 4284838504

■ 4285624945

# Harmonies

## Analogous

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



4283853312



4278874660



4278220372

# Triad

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



4278874660



4278217662



4289868611

# Complementary

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



4278874660



4285663832

# 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.



4289540209



4278874660



4282670008

# Square

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



4278874660



4278219946



4287448476



4288759575

# Rectangle

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



4278874660



4278220660



4287448476



4289933138



# Sweetspot

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



4278874660



4285305974



4283986442



4281485880



4291414473



4283058762



# Same Dimension

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



4278874660



4278228005



4278874712



4281481268



4278220830



4278253374



# Inverse Universe

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



4285663832



4287889519



4285663780



4281872951



4286054490

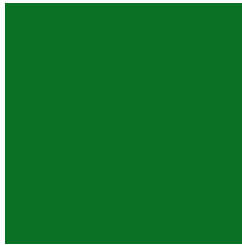


4294377658



# Previews

## White Background



This preview shows how the Android color 4278874660 looks on a white background.

## Color Contrast Check

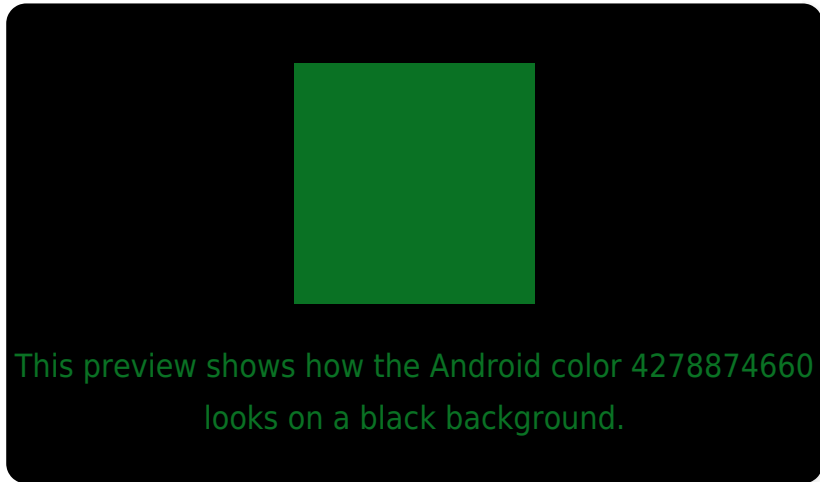
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4278874660 Background



This preview shows how black text looks on a background with the Android color 4278874660.



This preview shows how white text looks on a background with the Android color 4278874660.

# 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**  
4278874660

**Protanopia**  
4285358624

**Deuteranopia**  
4286143787



# Trichromacy



**Original Color**

4278874660



**Protanomaly**

4283000865



**Deuteranomaly**

4283524392



**Tritanomaly**

4280446550

# Monochromacy



**Original Color**

4278874660



**Achromatopsia**

4283058762



**Achromatomaly**

4281555260

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278874660 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(10, 114, 36)` looks like.

```
.text, #text, p{  
    color:rgb(10, 114, 36)  
}
```

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(10, 114, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 114, 36) }
```

## Border

The CSS property to change the border of an element to Android 4278874660 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(10, 114, 36) }
```

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

```
.border{ border-color:rgb(10, 114, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 114, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 114, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 114, 36);  
box-shadow:4px 4px 4px 4px rgb(10, 114,  
36) }
```

# Background

The CSS property to change the background color of an element to Android 4278874660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 114, 36) }
```

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

```
.background{ background-color: rgb(10, 114,  
36) }
```

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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