

# Converting Colors

Android(4278230290)

Have a look what the booklet for  
Android(4278230290) contains.

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**Color**

**Android(4278230290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	009D12
RGB	0, 157, 18
RGB Percent	0%, 62%, 7%
CMY	1.0000, 0.3843, 0.9294
CMYK	1.00, 0.00, 0.89, 0.38
HSL	127°, 100%, 31%
HSV	127°, 100%, 62%
XYZ	12.1662, 24.1576, 4.5939
YIQ	94.2110, -48.9530, -76.5130

# Conversions

## Conversions Part 2

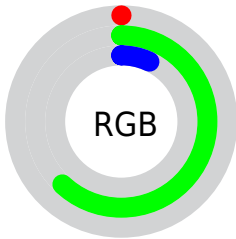
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 141, 157
Decimal	40210
CIELab	56.25, -59.42, 54.93
CIELCh	56, 80.921, 137.245
Yxy	24.1576, 0.2973, 0.5904
Android (android.graphics.Color)	4278230290 (0xFF009D12)
YUV	94.2110, -37.5720, -82.6230
Hunter-Lab	49.1504, -41.8293, 28.8636

# Details

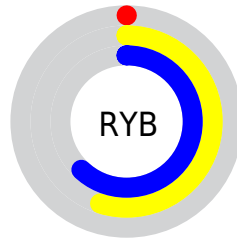
The Android color `4278230290` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288479371`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284208462`, and `4278216704` is the 20% darker color. If you saturate the color by 10%, you get `4278230290`, and if you desaturate by 10%, it is `4279278880`.

# Distribution



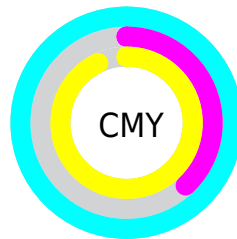
- Red (0%)
- Green (62%)
- Blue (7%)



- Red (0%)
- Yellow (55%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (89%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230290 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 4278230290 by changing the saturation by 10% instead.



 4278230290

 4278230290

4294967295

 4278223360

 4284208462

 4278216704

 4286181993

 4278210048

 4288151428

 4278204160

 4290117535

 4278197760

 4292083644

 4278190080

 4294049752

 4294967285

 4278230290

 4279278880

 4280261934

 4281310524

 4282359114

 4283407704

 4284390757

 4285439347

 4286487937

 4287470991

# Harmonies

## Analogous

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



4286418944



4278230290



4278231909

# Triad

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



4278230290



4278229247



4294913378

# Complementary

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



4278230290



4288479371

# 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.



4294128296



4278230290



4278289151

# Square

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



4278230290



4278232046



4290403816



4293547548

# Rectangle

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



4278230290



4278232471



4290403816



4294911353



# Sweetspot

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



4278230290



4287614102



4287470848



4282476101



4293322470



4284900966



# Same Dimension

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



4278230290



4278242327



4278230366



4282863432



4278226704



4278193922



# Inverse Universe

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



4288479371



4291559605



4288479295



4283385678



4287561854

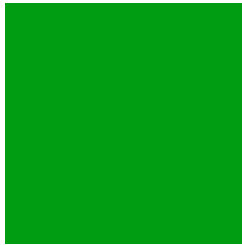


4279173134



# Previews

## White Background



This preview shows how the Android color 4278230290 looks on a white background.

## Color Contrast Check

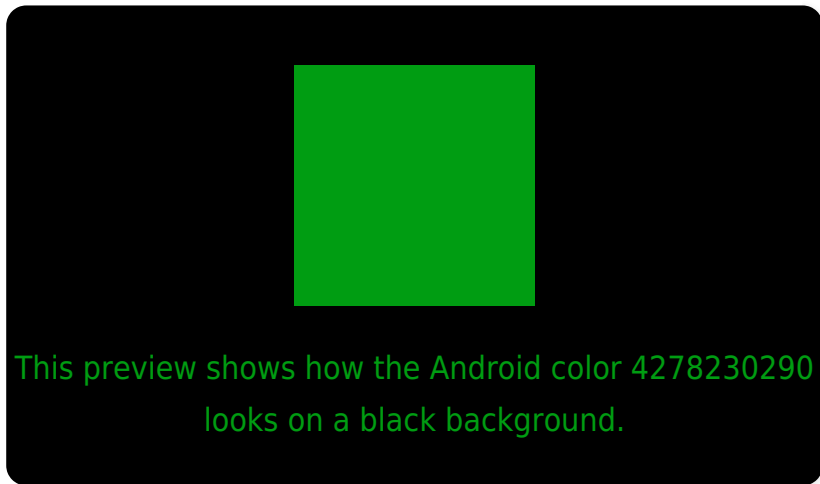
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230290 Background



This preview shows how black text looks on a background with the Android color 4278230290.



This preview shows how white text looks on a background with the Android color 4278230290.

# 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**  
4278230290

**Protanopia**  
4288120329

**Deuteranopia**  
4289232678



# Trichromacy



**Original Color**

4278230290



**Protanomaly**

4284517900



**Deuteranomaly**

4285237791



**Tritanomaly**

4280981099

# Monochromacy



**Original Color**

4278230290



**Achromatopsia**

4284374622



**Achromatomaly**

4282152258

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230290 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(0, 157, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 18)  
}
```

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(0, 157, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 18) }
```

## Border

The CSS property to change the border of an element to Android 4278230290 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(0, 157, 18) }
```

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

```
.border{ border-color:rgb(0, 157, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 18);  
box-shadow:4px 4px 4px 4px rgb(0, 157, 18)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278230290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 18) }
```

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

```
.background{ background-color: rgb(0, 157,  
18) }
```

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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