

# Converting Colors

Android(4281178890)

Have a look what the booklet for  
Android(4281178890) contains.

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# Color

**Android(4281178890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9B0A
RGB	45, 155, 10
RGB Percent	18%, 61%, 4%
CMY	0.8235, 0.3922, 0.9608
CMYK	0.71, 0.00, 0.94, 0.39
HSL	106°, 88%, 32%
HSV	106°, 94%, 61%
XYZ	12.8583, 24.0225, 4.2463
YIQ	105.5800, -19.0150, -68.4150

# Conversions

## Conversions Part 2

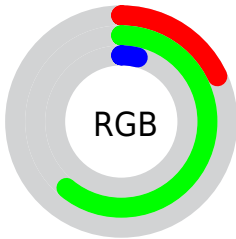
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 155, 120
Decimal	2988810
CIELab	56.11, -54.14, 56.50
CIELCh	56, 78.259, 133.778
Yxy	24.0225, 0.3126, 0.5841
Android (android.graphics.Color)	4281178890 (0xFF2D9B0A)
YUV	105.5800, -47.1209, -53.1287
Hunter-Lab	49.0127, -38.9435, 29.1723

# Details

The Android color **4281178890** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4286057115**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4285322058**, and **4278216192** is the 20% darker color. If you saturate the color by 10%, you get **4280654592**, and if you desaturate by 10%, it is **4281965337**.

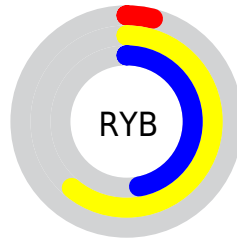
# Distribution



Red (18%)

Green (61%)

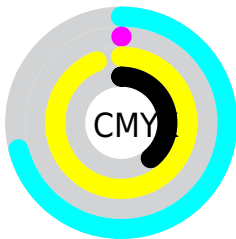
Blue (4%)



Red (4%)

Yellow (61%)

Blue (47%)

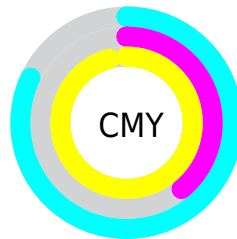


Cyan (71%)

Magenta (0%)

Yellow (94%)

Black (39%)



Cyan (82%)

Magenta (39%)


Yellow (96%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281178890 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 4281178890 by changing the saturation by 10% instead.



 4281178890

 4281178890

4294967295

 4278222848

 4285322058


 4278216192

 4287295333

 4278209792

 4289200000

 4278203648

 4291100572


 4278197760


 4293066680

 4278190080

 4294967253

 4294967282

 4281178890

 4281178890

■ 4280654592

■ 4281965337

■ 4282751785

■ 4283472696

■ 4284259144

■ 4285045591

■ 4285832039

■ 4286552950

■ 4287339398

■ 4288125845

# Harmonies

## Analogous

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



4287008000



4281178890



4278231646

# Triad

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



4281178890



4278229503



4294717802

# Complementary

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



4281178890



4286057115

# 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.



4293672110



4281178890



4278224127

# Square

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



4281178890



4278231780



4289684458



4293612329

# Rectangle

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



4281178890



4278232206



4289684458



4294651521



# Sweetspot

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



4281178890



4288661905



4288378634



4283196995



4293322470



4284900966



# Same Dimension

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



4281178890



4281452800



4278885166



4282862917



4280454144



4278390016



# Inverse Universe

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



4286057115



4288217289



4288350839



4283123021



4285137036

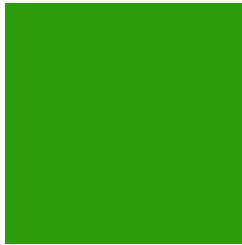


4278845453



# Previews

## White Background



This preview shows how the Android color 4281178890 looks on a white background.

## Color Contrast Check

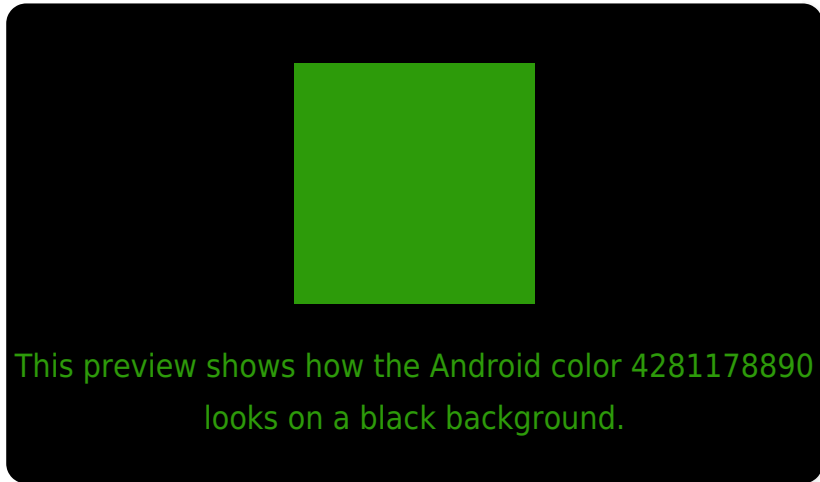
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281178890 Background



This preview shows how black text looks on a background with the Android color 4281178890.



This preview shows how white text looks on a background with the Android color 4281178890.

# 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**  
4281178890

**Protanopia**  
4288120320

**Deuteranopia**  
4289232674



# Trichromacy



**Original Color**

4281178890



**Protanomaly**

4285566468



**Deuteranomaly**

4286286105



**Tritanomaly**

4282487911

# Monochromacy



**Original Color**

4281178890



**Achromatopsia**

4285164138



**Achromatomaly**

4283726919

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281178890 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(45, 155, 10)` looks like.

```
.text, #text, p{  
    color:rgb(45, 155, 10)  
}
```

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(45, 155, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 155, 10) }
```

## Border

The CSS property to change the border of an element to Android 4281178890 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(45, 155, 10) }
```

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

```
.border{ border-color:rgb(45, 155, 10) }
```

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

Here you see how a box with a 4 pixel rgb(45, 155, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 155, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 155, 10);  
box-shadow:4px 4px 4px 4px rgb(45, 155,  
10) }
```

# Background

The CSS property to change the background color of an element to Android 4281178890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 155, 10) }
```

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

```
.background{ background-color: rgb(45, 155,  
10) }
```

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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