

# Converting Colors

Android(4279602189)

Have a look what the booklet for  
Android(4279602189) contains.

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# Color

**Android(4279602189)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 158C0D                      |
| RGB           | 21, 140, 13                 |
| RGB Percent   | 8%, 55%, 5%                 |
| CMY           | 0.9176, 0.4510, 0.9490      |
| CMYK          | 0.85, 0.00, 0.91, 0.45      |
| HSL           | 116°, 83%, 30%              |
| HSV           | 116°, 91%, 55%              |
| XYZ           | 9.7600, 18.9447, 3.5231     |
| YIQ           | 89.9410, -30.1570, -64.7250 |

# Conversions

## Conversions Part 2

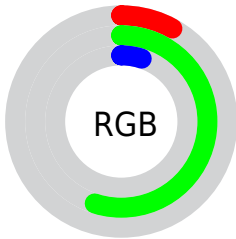
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 13, 140, 132                   |
| Decimal                             | 1412109                        |
| CIELab                              | 50.62, -53.03, 51.14           |
| CIELCh                              | 51, 73.666, 136.040            |
| Yxy                                 | 18.9447, 0.3028,<br>0.5878     |
| Android<br>(android.graphics.Color) | 4279602189<br>(0xFF158C0D)     |
| YUV                                 | 89.9410, -37.9319,<br>-60.4613 |
| Hunter-Lab                          | 43.5255, -36.1434,<br>25.6688  |

# Details

The Android color **4279602189** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4286844300**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4284203848**, and **4278212608** is the 20% darker color. If you saturate the color by 10%, you get **4278815744**, and if you desaturate by 10%, it is **4280454171**.

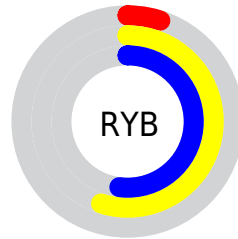
# Distribution



Red (8%)

Green (55%)

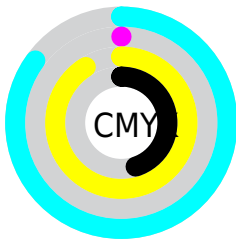
Blue (5%)



Red (5%)

Yellow (55%)

Blue (52%)

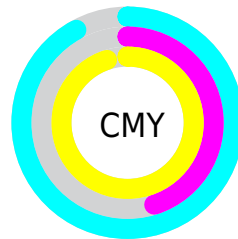


Cyan (85%)

Magenta (0%)

Yellow (91%)

Black (45%)



Cyan (92%)

Magenta (45%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279602189 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 4279602189 by changing the saturation by 10% instead.



 4279602189

 4279602189

4294967295

 4278219264

 4284203848

 4278212608

 4286177123

 4278206464

 4288085117

 4278200832

 4289986456

 4278191104

 4291887028

 4278190080

 4293853137

 4294967277

 4279602189

 4279602189

■ 4278815744

■ 4280454171

■ 4281306153

■ 4282158135

■ 4283010117

■ 4283927635

■ 4284779617

■ 4285631599

■ 4286483581

■ 4287335563

# Harmonies

## Analogous

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



4285759488



4279602189



4278227544

# Triad

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



4279602189



4278225140



4293208410

# Complementary

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



4279602189



4286844300

# 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.



4292358041



4279602189



4278220275

# Square

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



4279602189



4278227410



4288894417



4291972124

# Rectangle

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



4279602189



4278227844



4288894417



4293141615



# Sweetspot

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



4279602189



4287083908



4287398925



4282407998



4292598747



4284243036



# Same Dimension

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



4279602189



4278957312



4279077956



4282271038



4278748416



4278191360



# Inverse Universe

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



4286844300



4289331381



4287368533



4282662469



4286316677

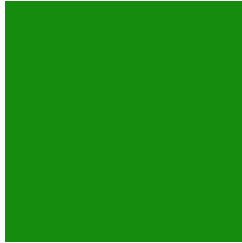


4278517765



# Previews

## White Background



This preview shows how the Android color 4279602189 looks on a white background.

## Color Contrast Check

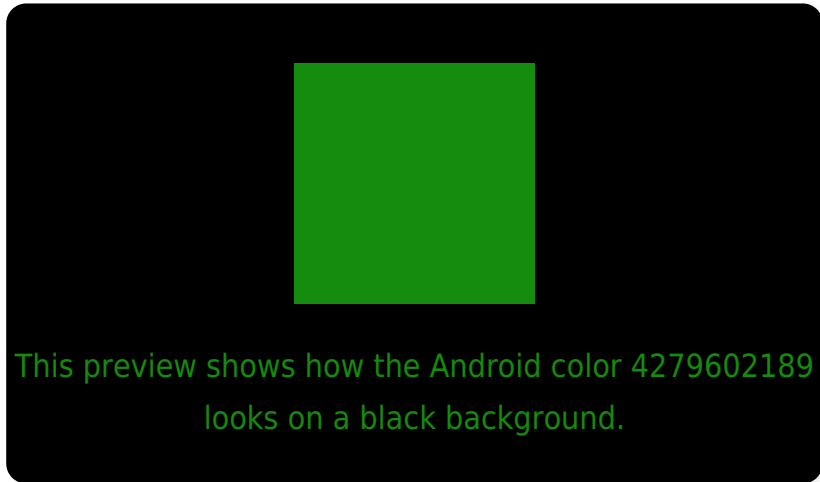
Large Text (above 18pt) WCAG AA ✓ Pass

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

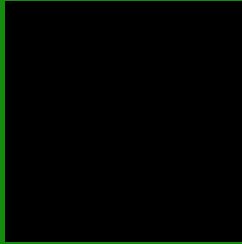
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279602189 Background



This preview shows how black text looks on a background with the Android color 4279602189.



This preview shows how white text looks on a background with the Android color 4279602189.

# 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**  
4279602189

**Protanopia**  
4287068160

**Deuteranopia**  
4288115232



# Trichromacy



**Original Color**

4279602189



**Protanomaly**

4284382981



**Deuteranomaly**

4285037337



**Tritanomaly**

4281239134

# Monochromacy



**Original Color**

4279602189



**Achromatopsia**

4284111450



**Achromatomaly**

4282477630

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279602189 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(21, 140, 13)` looks like.

```
.text, #text, p{  
    color:rgb(21, 140, 13)  
}
```

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(21, 140, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 140, 13) }
```

## Border

The CSS property to change the border of an element to Android 4279602189 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(21, 140, 13) }
```

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

```
.border{ border-color:rgb(21, 140, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 140, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 140, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 140, 13);  
box-shadow:4px 4px 4px 4px rgb(21, 140,  
13) }
```

# Background

The CSS property to change the background color of an element to Android 4279602189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 140, 13) }
```

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

```
.background{ background-color: rgb(21, 140,  
13) }
```

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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