

Converting Colors

Android(4280589068)

Have a look what the booklet for
Android(4280589068) contains.

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Color

Android(4280589068)

Conversions

Conversions Part 1

Format	Color
Hex	249B0C
RGB	36, 155, 12
RGB Percent	14%, 61%, 5%
CMY	0.8588, 0.3922, 0.9529
CMYK	0.77, 0.00, 0.92, 0.39
HSL	110°, 86%, 33%
HSV	110°, 92%, 61%
XYZ	12.5153, 23.8443, 4.2906
YIQ	103.1170, -25.0210, -69.7010

Conversions

Conversions Part 2

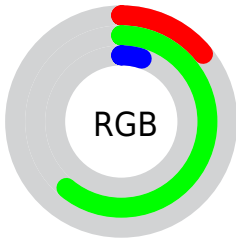
Format	Color
R_{YB}	12, 155, 131
Decimal	2398988
CIE _{Lab}	55.93, -55.68, 55.96
CIE _{LCh}	56, 78.941, 134.854
Yxy	23.8443, 0.3079, 0.5866
Android (android.graphics.Color)	4280589068 (0xFF249B0C)
YUV	103.1170, -44.9207, -58.8616
Hunter-Lab	48.8306, -39.7042, 28.9718

Details

The Android color `4280589068` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4286778523`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284994379`, and `4278216192` is the 20% darker color. If you saturate the color by 10%, you get `4279933696`, and if you desaturate by 10%, it is `4281441051`.

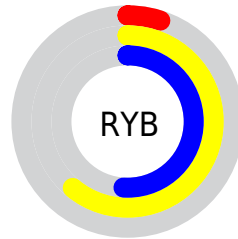
Distribution



Red (14%)

Green (61%)

Blue (5%)



Red (5%)

Yellow (61%)

Blue (51%)

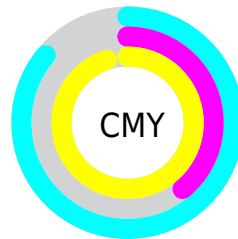


Cyan (77%)

Magenta (0%)

Yellow (92%)

Black (39%)



Cyan (86%)

Magenta (39%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280589068 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 4280589068 by changing the saturation by 10% instead.



4280589068



4280589068

4294967295



4278222848



4284994379



4278216192



4286902118



4278209792



4288872321



4278203648



4290772893



4278197504



4292739001



4278190080



4294705109



4294967282



4280589068



4280589068

■ 4279933696

■ 4281441051

■ 4282293035

■ 4283145018

■ 4283997002

■ 4284783450

■ 4285635433

■ 4286487416

■ 4287339400

■ 4288191383

Harmonies

Analogous

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



4286811648



4280589068



4278231648

Triad

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



4280589068



4278229247



4294782823

Complementary

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



4280589068



4286778523

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.



4293736620



4280589068



4278223871

Square

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



4280589068



4278231782



4289880552



4293547044

Rectangle

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



4280589068



4278231952



4289880552



4294716286

Sweetspot

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



4280589068



4288399761



4288381196



4283000387



4293322470



4284900966

Same Dimension

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



4280589068



4280469760



4279016249



4282797381



4279798784



4278324480

Inverse Universe

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



4286778523



4289200329



4288351342



4283123021



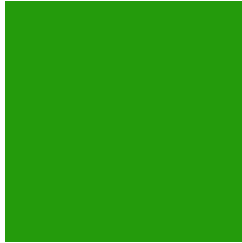
4285857932



4278910989

Previews

White Background



This preview shows how the Android color 4280589068 looks on a white background.

Color Contrast Check

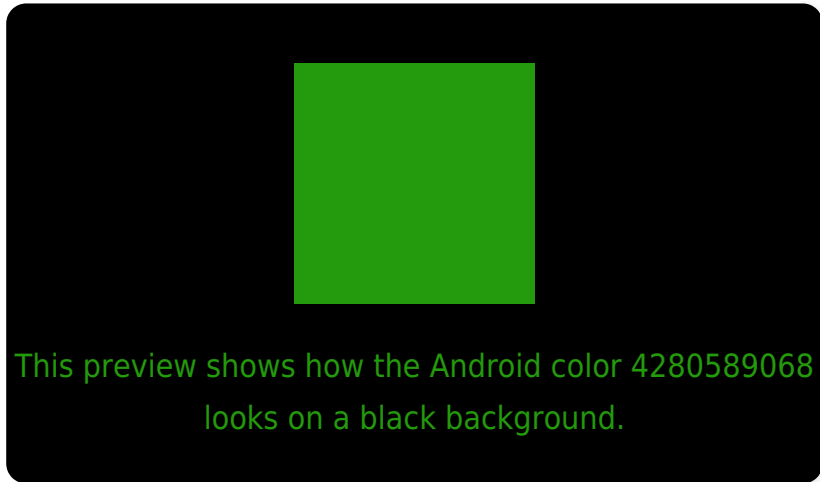
Large Text (above 18pt) WCAG AA ✓ Pass

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

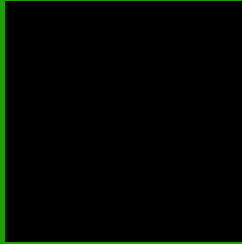
Any Text WCAG AA ✓ Pass

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 4280589068 Background



This preview shows how black text looks on a background with the Android color 4280589068.



This preview shows how white text looks on a background with the Android color 4280589068.

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
4280589068

Protanopia
4288054528

Deuteranopia
4289166883

Trichromacy



Original Color

4280589068



Protanomaly

4285369604



Deuteranomaly

4286023963



Tritanomaly

4282160232

Monochromacy



Original Color

4280589068



Achromatopsia

4284966759



Achromatomaly

4283398726

CSS Examples

Text

The CSS property to change the color of the text to Android 4280589068 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(36, 155, 12)` looks like.

```
.text, #text, p{  
    color:rgb(36, 155, 12)  
}
```

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(36, 155, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 155, 12) }
```

Border

The CSS property to change the border of an element to Android 4280589068 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(36, 155, 12) }
```

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

```
.border{ border-color:rgb(36, 155, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 155, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 155, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 155, 12);  
box-shadow:4px 4px 4px 4px rgb(36, 155,  
12) }
```

Background

The CSS property to change the background color of an element to Android 4280589068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 155, 12) }
```

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

```
.background{ background-color: rgb(36, 155,  
12) }
```

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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