

Converting Colors

Android(4278359040)

Have a look what the booklet for
Android(4278359040) contains.

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Color

Android(4278359040)

Conversions

Conversions Part 1

Format	Color
Hex	029400
RGB	2, 148, 0
RGB Percent	1%, 58%, 0%
CMY	0.9922, 0.4196, 1.0000
CMYK	0.99, 0.00, 1.00, 0.42
HSL	119°, 100%, 29%
HSV	119°, 100%, 58%
XYZ	10.6149, 21.1927, 3.5311
YIQ	87.4740, -39.5080, -76.9800

Conversions

Conversions Part 2

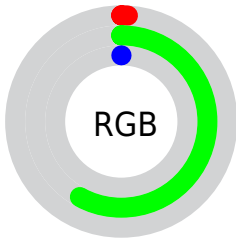
Format	Color
RYB	0, 148, 146
Decimal	168960
CIELab	53.16, -57.32, 55.46
CIELCh	53, 79.757, 135.943
Yxy	21.1927, 0.3004, 0.5997
Android (android.graphics.Color)	4278359040 (0xFF029400)
YUV	87.4740, -43.1247, -74.9607
Hunter-Lab	46.0355, -39.4034, 27.6771

Details

The Android color `4278359040` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4287758484`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284074821`, and `4278214400` is the 20% darker color. If you saturate the color by 10%, you get `4278359040`, and if you desaturate by 10%, it is `4279342095`.

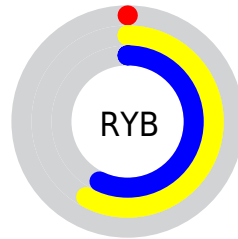
Distribution



Red (1%)

Green (58%)

Blue (0%)



Red (0%)

Yellow (58%)

Blue (57%)

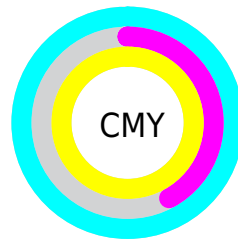


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (99%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278359040 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 4278359040 by changing the saturation by 10% instead.

 4278359040

 4278359040

4294967295

 4278221056

 4284074821

 4278214400

 4286048352

 4278208000

 4288020347

 4278202368

 4289920918

 4278194944

 4291887026

 4278190080

 4293853134

 4294967275

 4278359040

 4279342095

 4280259614

 4281242668

 4282160187

 4283143242

 4284126297

 4285043816

 4286026870

 4286944389

Harmonies

Analogous

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



4286088960



4278359040



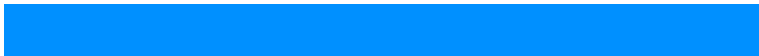
4278229595

Triad

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



4278359040



4278227199



4294254942

Complementary

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



4278359040



4287758484

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.



4293339554



4278359040



4278221823

Square

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



4278359040



4278229729



4289550560



4292889881

Rectangle

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



4278359040



4278230155



4289550560



4294187124

Sweetspot

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



4278359040



4287086470



4287926784



4282278206



4292927712



4284572001

Same Dimension

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



4278359040



4278435584



4278228040



4282600003



4278356480



4278192640

Inverse Universe

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



4287758484



4290576575



4287889484



4283056970



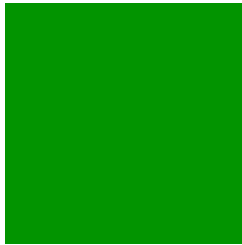
4287103114



4278845450

Previews

White Background



This preview shows how the Android color 4278359040 looks on a white background.

Color Contrast Check

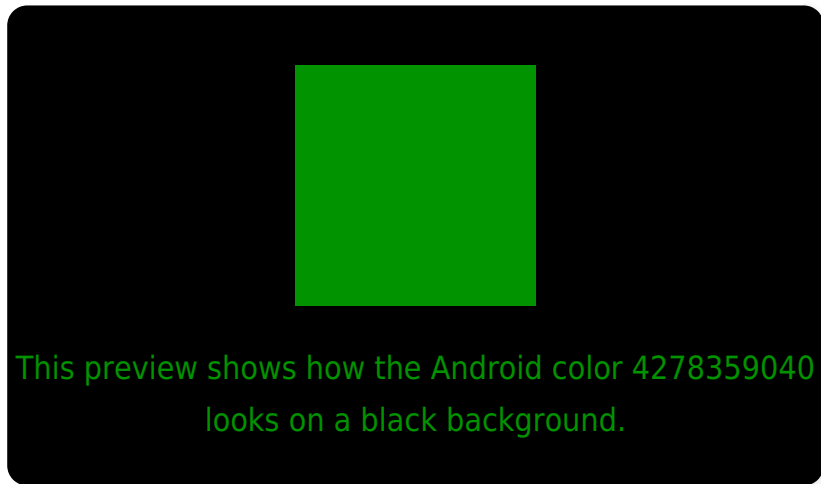
Large Text (above 18pt) WCAG AA ✓ Pass

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

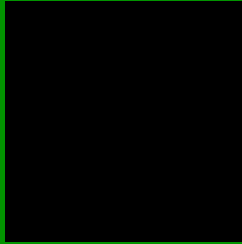
Any Text WCAG AA ✓ Pass

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 4278359040 Background



This preview shows how black text looks on a background with the Android color 4278359040.



This preview shows how white text looks on a background with the Android color 4278359040.

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
4278359040

Protanopia
4287594240

Deuteranopia
4288641056

Trichromacy



Original Color

4278359040



Protanomaly

4284253952



Deuteranomaly

4284908052



Tritanomaly

4280847967

Monochromacy



Original Color

4278359040



Achromatopsia

4283914071



Achromatomaly

4281888055

CSS Examples

Text

The CSS property to change the color of the text to Android 4278359040 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(2, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 148, 0)  
}
```

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(2, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 148, 0) }
```

Border

The CSS property to change the border of an element to Android 4278359040 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(2, 148, 0) }
```

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

```
.border{ border-color:rgb(2, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 148, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 148, 0); box-shadow:4px  
4px 4px 4px rgb(2, 148, 0) }
```

Background

The CSS property to change the background color of an element to Android 4278359040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 148, 0) }
```

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

```
.background{ background-color: rgb(2, 148,  
0) }
```

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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