

# Converting Colors

Android(4279299900)

Have a look what the booklet for  
Android(4279299900) contains.

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# **Color**

**Android(4279299900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10EF3C
RGB	16, 239, 60
RGB Percent	6%, 94%, 24%
CMY	0.9373, 0.0627, 0.7647
CMYK	0.93, 0.00, 0.75, 0.06
HSL	132°, 87%, 50%
HSV	132°, 93%, 94%
XYZ	31.8958, 62.1694, 14.5938
YIQ	151.9170, -75.4490, -102.9450

# Conversions

## Conversions Part 2

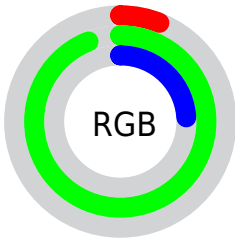
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">16, 202, 239</a>
Decimal	<a href="#">1109820</a>
CIELab	<a href="#">83.00, -79.28, 68.34</a>
CIELCh	<a href="#">83, 104.672, 139.238</a>
Yxy	<a href="#">62.1694, 0.2935, 0.5722</a>
Android (android.graphics.Color)	<a href="#">4279299900 (0xFF10EF3C)</a>
YUV	<a href="#">151.9170, -45.3151, -119.1992</a>
Hunter-Lab	<a href="#">78.8476, -65.7756, 44.2194</a>

# Details

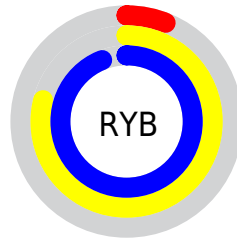
The Android color `4279299900` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293857475`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285857655`, and `4278236416` is the 20% darker color. If you saturate the color by 10%, you get `4278251311`, and if you desaturate by 10%, it is `4280872783`.

# Distribution



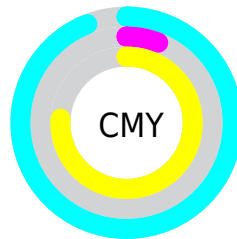
- Red (6%)
- Green (94%)
- Blue (24%)



- Red (6%)
- Yellow (79%)
- Blue (94%)



- Cyan (93%)
- Magenta (0%)
- Yellow (75%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279299900 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 4279299900 by changing the saturation by 10% instead.



 4279299900

 4279299900

4294967295

 4278243863

 4285857655

 4278236416

 4288151443

 4278229248

 4290248624

 4278222336

 4292411341

 4278215424

 4294508522

 4278208768

 4278202368

 4278194688

 4278190080

■ 4279299900

■ 4279299900

■ 4278251311

■ 4280872783

■ 4282445666

■ 4284018550

■ 4285591433

■ 4287098780

■ 4288671663

■ 4290244546

■ 4291817429

■ 4293390313

# Harmonies

## Analogous

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



4290632960



4279299900



4278253735

# Triad

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



4279299900



4278248959



4294925972

# Complementary

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



4279299900



4293857475

# 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.



4294926071



4279299900



4284925183

# Square

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



4279299900



4278253055



4294939391



4294938420

# Rectangle

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



4279299900



4278254316



4294939391



4294923445

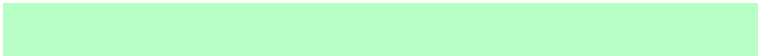


# Sweetspot

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



4279299900



4290314182



4291227408



4283727965



4278190080



4286611584



# Same Dimension

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



4279299900



4278255410



4279300008



4285298798



4278237220



4278204427



# Inverse Universe

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



4293857475



4294901965



4293857367



4286082165



4290248851

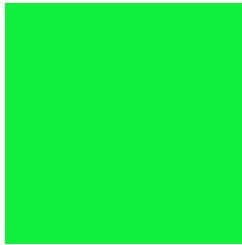


4281860141



# Previews

## White Background



This preview shows how the Android color 4279299900 looks on a white background.

## Color Contrast Check

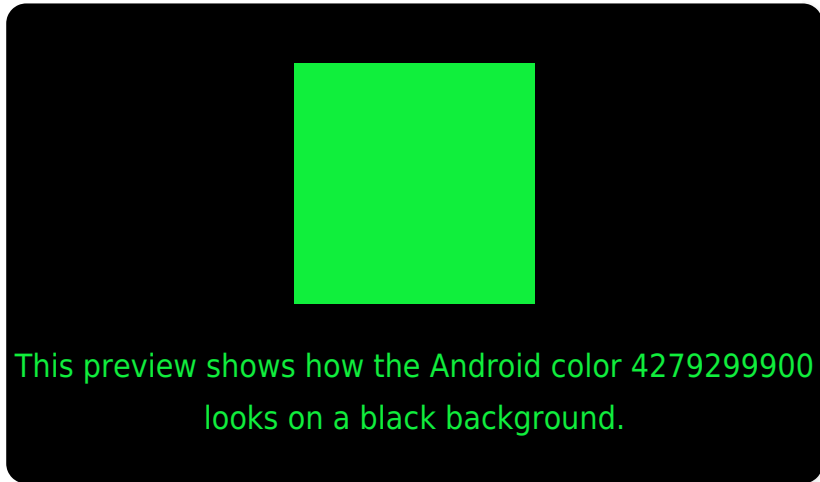
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



# Android 4279299900 Background



This preview shows how black text looks on a background with the Android color 4279299900.



This preview shows how white text looks on a background with the Android color 4279299900.

# Color Blindness Simulation

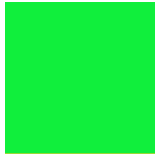
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4279299900



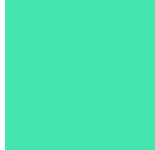
**Protanomaly**

4288207158



**Deuteranomaly**

4289253959



**Tritanomaly**

4282770863

# Monochromacy



**Original Color**

4279299900



**Achromatopsia**

4288190616



**Achromatomaly**

4284987511

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279299900 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(16, 239, 60)` looks like.

```
.text, #text, p{  
    color:rgb(16, 239, 60)  
}
```

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(16, 239, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 239, 60) }
```

## Border

The CSS property to change the border of an element to Android 4279299900 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(16, 239, 60) }
```

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

```
.border{ border-color:rgb(16, 239, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 239, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 239, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 239, 60);  
box-shadow:4px 4px 4px 4px rgb(16, 239,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4279299900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 239, 60) }
```

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

```
.background{ background-color: rgb(16, 239,  
60) }
```

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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