

# Converting Colors

Android(4279293501)

Have a look what the booklet for  
Android(4279293501) contains.

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# **Color**

**Android(4279293501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10D63D
RGB	16, 214, 61
RGB Percent	6%, 84%, 24%
CMY	0.9373, 0.1608, 0.7608
CMYK	0.93, 0.00, 0.71, 0.16
HSL	134°, 86%, 45%
HSV	134°, 93%, 84%
XYZ	25.1026, 48.5402, 12.4610
YIQ	137.3560, -68.8950, -89.5590

# Conversions

## Conversions Part 2

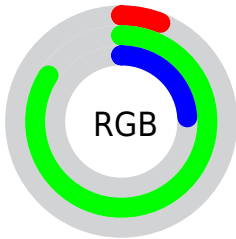
Format	Color
<a href="#">RYB</a>	<a href="#">16, 177, 214</a>
Decimal	<a href="#">1103421</a>
CIELab	<a href="#">75.16, -72.15, 60.08</a>
CIElCh	<a href="#">75, 93.891, 140.218</a>
Yxy	<a href="#">48.5402, 0.2915, 0.5637</a>
Android (android.graphics.Color)	<a href="#">4279293501 (0xFF10D63D)</a>
YUV	<a href="#">137.3560, -37.6435, -106.4292</a>
Hunter-Lab	<a href="#">69.6708, -57.6099, 38.1652</a>

# Details

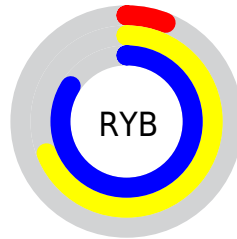
The Android color `4279293501` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292219049`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285398901`, and `4278230272` is the 20% darker color. If you saturate the color by 10%, you get `4278244913`, and if you desaturate by 10%, it is `4280669774`.

# Distribution



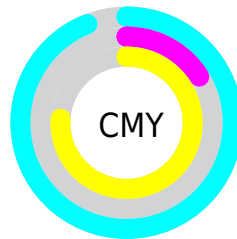
- Red (6%)
- Green (84%)
- Blue (24%)



- Red (6%)
- Yellow (69%)
- Blue (84%)



- Cyan (93%)
- Magenta (0%)
- Yellow (71%)
- Black (16%)



- Cyan (94%)
- Magenta (16%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279293501 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 4279293501 by changing the saturation by 10% instead.



 4279293501

 4279293501

4294967295

 4278237469

 4285398901


 4278230272

 4287561616

 4278223360


 4289658796

 4278216448

 4291690441

 4278210048

 4293787622

 4278203904

 4278196992

 4278190080

 4279293501

 4279293501

■ 4278244913

■ 4280669774

■ 4282111582

■ 4283487855

■ 4284929663

■ 4286305936

■ 4287682208

■ 4289124017

■ 4290500289

■ 4291942098

# Harmonies

## Analogous

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



4289185280



4279293501



4278246809

# Triad

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



4279293501



4278242559



4294924931

# Complementary

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



4279293501



4292219049

# 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.



4294924505



4279293501



4285313023

# Square

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



4279293501



4278246399



4294935551



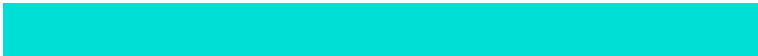
4294935599

# Rectangle

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



4279293501



4278247381



4294935551



4294922911

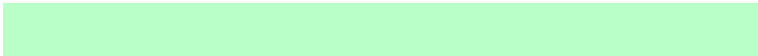


# Sweetspot

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



4279293501



4290314184



4289451536



4283727966



4278190080



4286611584



# Same Dimension

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



4279293501



4278255418



4279293598



4284509027



4278233895



4278201098



# Inverse Universe

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



4292219049



4294901957



4292218952



4285227113



4289396868

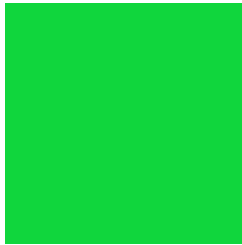


4281008161



# Previews

## White Background



This preview shows how the Android color 4279293501 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



This preview shows how the Android color 4279293501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

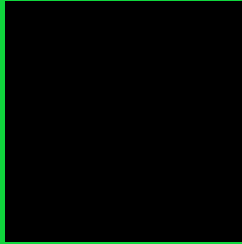
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279293501 Background



This preview shows how black text looks on a background with the Android color 4279293501.



This preview shows how white text looks on a background with the Android color 4279293501.

# 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**  
4279293501

**Protanopia**  
4291737653

**Deuteranopia**  
4293176907



# Trichromacy



**Original Color**

4279293501



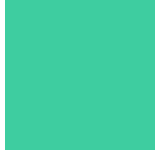
**Protanomaly**

4287218488



**Deuteranomaly**

4288134470



**Tritanomaly**

4282305952

# Monochromacy



**Original Color**

4279293501



**Achromatopsia**

4287203721



**Achromatomaly**

4284327277

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279293501 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, 214, 61)` looks like.

```
.text, #text, p{  
    color:rgb(16, 214, 61)  
}
```

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, 214, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 214, 61) }
```

## Border

The CSS property to change the border of an element to Android 4279293501 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, 214, 61) }
```

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

```
.border{ border-color:rgb(16, 214, 61) }
```

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

Here you see how a box with a 4 pixel rgb(16, 214, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 214, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 214, 61);  
box-shadow:4px 4px 4px 4px rgb(16, 214,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4279293501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 214, 61) }
```

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

```
.background{ background-color: rgb(16, 214,  
61) }
```

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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