

# Converting Colors

Android(4279037245)

Have a look what the booklet for  
Android(4279037245) contains.

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# **Color**

**Android(4279037245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CED3D
RGB	12, 237, 61
RGB Percent	5%, 93%, 24%
CMY	0.9529, 0.0706, 0.7608
CMYK	0.95, 0.00, 0.74, 0.07
HSL	133°, 90%, 49%
HSV	133°, 95%, 93%
XYZ	31.2781, 60.9835, 14.5373
YIQ	149.6610, -77.6040, -102.4360

# Conversions

## Conversions Part 2

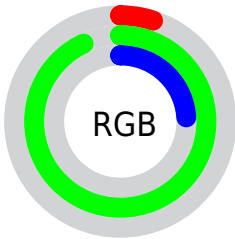
Format	Color
<a href="#">RYB</a>	<a href="#">12, 197, 237</a>
Decimal	<a href="#">847165</a>
CIELab	<a href="#">82.37, -78.81, 67.38</a>
CIELCh	<a href="#">82, 103.688, 139.469</a>
Yxy	<a href="#">60.9835, 0.2929, 0.5710</a>
Android (android.graphics.Color)	<a href="#">4279037245 (0xFF0CED3D)</a>
YUV	<a href="#">149.6610, -43.7099, -120.7287</a>
Hunter-Lab	<a href="#">78.0919, -65.1663, 43.6271</a>

# Details

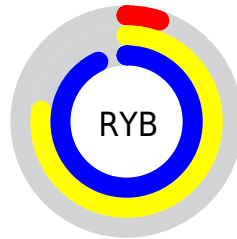
The Android color `4279037245` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4293725372`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4285792119`, and `4278235904` is the 20% darker color. If you saturate the color by 10%, you get `4278250804`, and if you desaturate by 10%, it is `4280610128`.

# Distribution



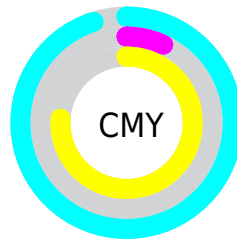
- Red (5%)
- Green (93%)
- Blue (24%)



- Red (5%)
- Yellow (77%)
- Blue (93%)



- Cyan (95%)
- Magenta (0%)
- Yellow (74%)
- Black (7%)



- Cyan (95%)
- Magenta (7%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279037245 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 4279037245 by changing the saturation by 10% instead.



 4279037245

 4279037245

4294967295

 4278243353

 4285792119

 4278235904

 4288020371

 4278228736

 4290183088

 4278221824

 4292280269

 4278214912

 4294377450

 4278208256

 4278201856

 4278193920

 4278190080

 4279037245

 4279037245

 4278250804

 4280610128

 4282117474

 4283690357

 4285263239

 4286836122

 4288343468

 4289916351

 4291489233

 4292996580

# Harmonies

## Analogous

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



4290435840



4279037245



4278252966

# Triad

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



4279037245



4278248447



4294925971

# Complementary

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



4279037245



4293725372

# 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.



4294925812



4279037245



4285121279

# Square

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



4279037245



4278252543



4294939135



4294938419

# Rectangle

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



4279037245



4278253802



4294939135



4294923699

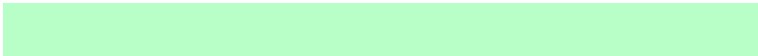


# Sweetspot

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



4279037245



4290314183



4290571532



4283727966



4278190080



4286611584



# Same Dimension

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



4279037245



4278255416



4279037357



4285166956



4278236455



4278203916



# Inverse Universe

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



4293725372



4294901959



4293725260



4285885043



4290052238

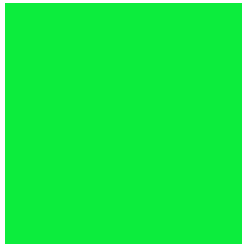


4281729066



# Previews

## White Background



This preview shows how the Android color 4279037245 looks on a white background.

## Color Contrast Check

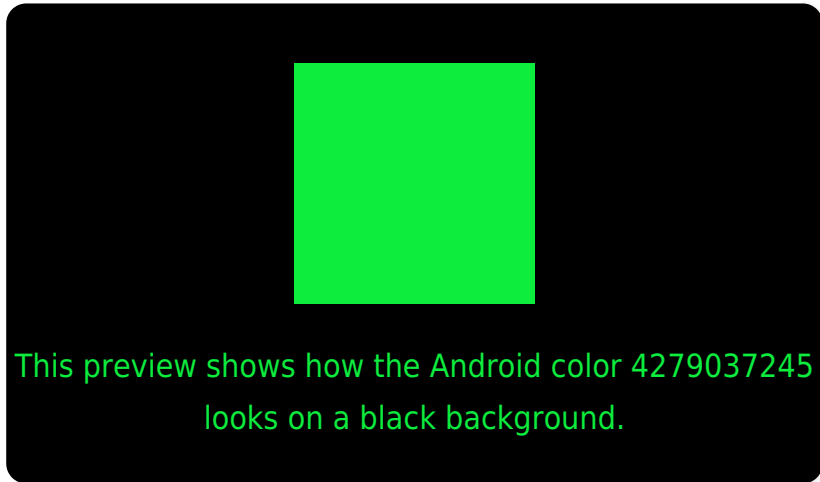
Large Text (above 18pt) WCAG AA × Fail

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 4279037245 Background



This preview shows how black text looks on a background with the Android color 4279037245.

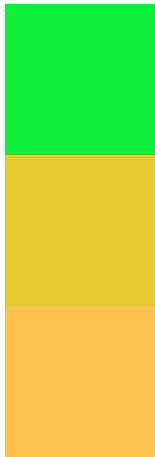


This preview shows how white text looks on a background with the Android color 4279037245.

# 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**  
4279037245

**Protanopia**  
4293184308

**Deuteranopia**  
4294820174



# Trichromacy



**Original Color**

4279037245



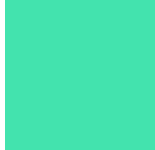
**Protanomaly**

4288010039



**Deuteranomaly**

4289057096



**Tritanomaly**

4282639278

# Monochromacy



**Original Color**

4279037245



**Achromatopsia**

4288059030



**Achromatomaly**

4284790390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279037245 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(12, 237, 61)` looks like.

```
.text, #text, p{  
    color:rgb(12, 237, 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(12, 237, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 237, 61) }
```

## Border

The CSS property to change the border of an element to Android 4279037245 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(12, 237, 61) }
```

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

```
.border{ border-color:rgb(12, 237, 61) }
```

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

Here you see how a box with a 4 pixel rgb(12, 237, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 237, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 237, 61);  
box-shadow:4px 4px 4px 4px rgb(12, 237,  
61) }
```

# Background

The CSS property to change the background color of an element to Android 4279037245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 237, 61) }
```

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

```
.background{ background-color: rgb(12, 237,  
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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