

# Converting Colors

Android(4278250295)

Have a look what the booklet for  
Android(4278250295) contains.

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# **Color**

**Android(4278250295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EB37
RGB	0, 235, 55
RGB Percent	0%, 92%, 22%
CMY	1.0000, 0.0784, 0.7843
CMYK	1.00, 0.00, 0.77, 0.08
HSL	134°, 100%, 46%
HSV	134°, 100%, 92%
XYZ	30.3979, 59.6925, 13.5341
YIQ	144.2150, -82.2800, -105.8000

# Conversions

## Conversions Part 2

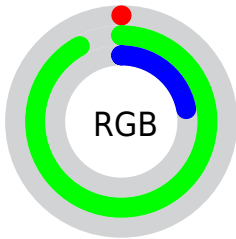
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 190, 235
Decimal	60215
CIELab	81.67, -79.06, 68.59
CIELCh	82, 104.666, 139.059
Yxy	59.6925, 0.2933, 0.5760
Android (android.graphics.Color)	4278250295 (0xFF00EB37)
YUV	144.2150, -43.9830, -126.4766
Hunter-Lab	77.2609, -64.9767, 43.6966

# Details

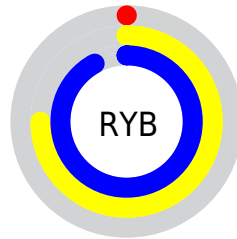
The Android color **4278250295** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **4293591220**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4285661042**, and **4278235392** is the 20% darker color. If you saturate the color by 10%, you get **4278250295**, and if you desaturate by 10%, it is **4279757641**.

# Distribution



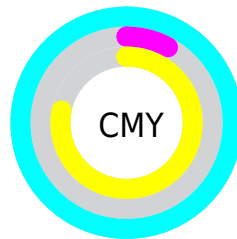
- Red (0%)
- Green (92%)
- Blue (22%)



- Red (0%)
- Yellow (75%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278250295 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 4278250295 by changing the saturation by 10% instead.



 4278250295

 4278250295

4294967295

 4278242830

 4285661042

 4278235392

 4287889295

 4278228224

 4290052011

 4278221312

 4292149192

 4278214400

 4294246374

 4278208000

 4278201344

 4278192896

 4278190080

 4278250295

 4279757641

 4281330523

 4282903405

 4284410751

 4285983633

 4287490979

 4288998325

 4290571207

 4292078553

# Harmonies

## Analogous

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



4290369792



4278250295



4278252706

# Triad

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



4278250295



4278248191



4294924434

# Complementary

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



4278250295



4293591220

# 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.



4294924787



4278250295



4284334591

# Square

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



4278250295



4278252031



4294938623



4294937393

# Rectangle

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



4278250295



4278253287



4294938623



4294922162

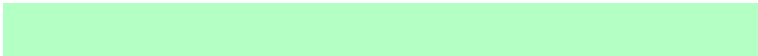


# Sweetspot

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



4278250295



4289986500



4290046720



4283596892



4278190080



4286611584



# Same Dimension

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



4278250295



4278255420



4278250412



4285166956



4278236458



4278203917



# Inverse Universe

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



4293591220



4294901955



4293591103



4285885043



4290052235

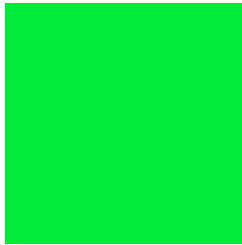


4281729065



# Previews

## White Background



This preview shows how the Android color 4278250295 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 4278250295 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 4278250295 Background



This preview shows how black text looks on a background with the Android color 4278250295.



This preview shows how white text looks on a background with the Android color 4278250295.

# Color Blindness Simulation

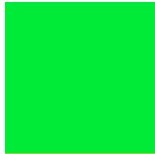
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278250295



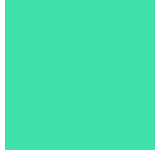
**Protanomaly**

4287682097



**Deuteranomaly**

4288728899



**Tritanomaly**

4282311083

# Monochromacy



**Original Color**

4278250295



**Achromatopsia**

4287664272



**Achromatomaly**

4284264816

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278250295 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(0, 235, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 55)  
}
```

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(0, 235, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 55) }
```

## Border

The CSS property to change the border of an element to Android 4278250295 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(0, 235, 55) }
```

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

```
.border{ border-color:rgb(0, 235, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 235, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 55);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 55)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278250295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 55) }
```

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

```
.background{ background-color: rgb(0, 235,  
55) }
```

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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