

# Converting Colors

Android(4278251095)

Have a look what the booklet for  
Android(4278251095) contains.

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# **Color**

**Android(4278251095)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EE57
RGB	0, 238, 87
RGB Percent	0%, 93%, 34%
CMY	1.0000, 0.0667, 0.6588
CMYK	1.00, 0.00, 0.63, 0.07
HSL	142°, 100%, 47%
HSV	142°, 100%, 93%
XYZ	32.2948, 61.8372, 19.2505
YIQ	149.6240, -93.3770, -97.4170

# Conversions

## Conversions Part 2

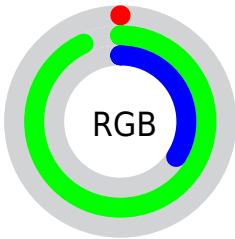
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 174, 238
Decimal	61015
CIELab	82.83, -77.08, 58.14
CIELCh	83, 96.546, 142.972
Yxy	61.8372, 0.2848, 0.5454
Android (android.graphics.Color)	4278251095 (0xFF00EE57)
YUV	149.6240, -30.8736, -131.2202
Hunter-Lab	78.6366, -64.3069, 40.5313

# Details

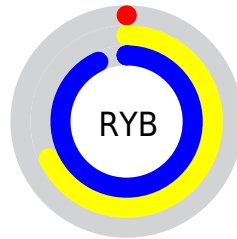
The Android color `4278251095` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4293787799`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4285595534`, and `4278236188` is the 20% darker color. If you saturate the color by 10%, you get `4278251095`, and if you desaturate by 10%, it is `4279823974`.

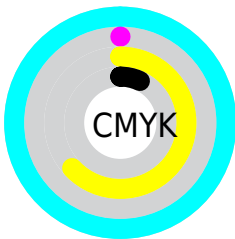
# Distribution



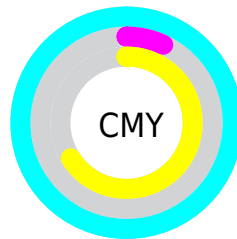
- Red (0%)
- Green (93%)
- Blue (34%)



- Red (0%)
- Yellow (68%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278251095 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 4278251095 by changing the saturation by 10% instead.



 4278251095

 4278251095

4294967295

 4278243643

 4285595534

 4278236188

 4287889322

 4278228992

 4289986502

 4278222080

 4292083683

 4278215168

 4294180863

 4278208512

 4278202112

 4278194688

 4278190080

 4278251095

 4279823974

 4281396853

 4282904196

 4284477075

 4286049955

 4287622834

 4289195713

 4290703056

 4292275935

# Harmonies

## Analogous

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



4290043392



4278251095



4278252981

# Triad

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



4278251095



4278247679



4294931085

# Complementary

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



4278251095



4293787799

# 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.



4294929384



4278251095



4288331775

# Square

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



4278251095



4278252031



4294939391



4294941495

# Rectangle

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



4278251095



4278253556



4294939391



4294928811

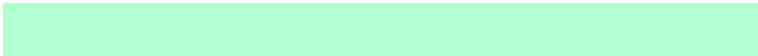


# Sweetspot

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



4278251095



4289986510



4288409088



4283596898



4278190080



4286611584



# Same Dimension

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



4278251095



4278255453



4278251210



4285298800



4278237251



4278204437



# Inverse Universe

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



4293787799



4294901922



4293787684



4286082163



4290248820

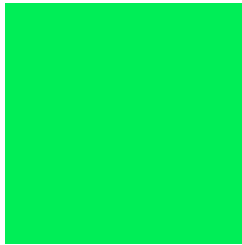


4281860132



# Previews

## White Background



This preview shows how the Android color 4278251095 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 4278251095 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 4278251095 Background



This preview shows how black text looks on a background with the Android color 4278251095.

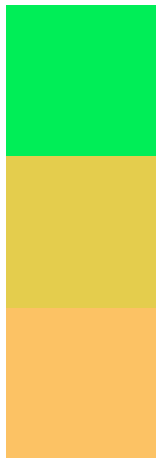


This preview shows how white text looks on a background with the Android color 4278251095.

# 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**  
4278251095

**Protanopia**  
4293184845

**Deuteranopia**  
4294754916



# Trichromacy



**Original Color**

4278251095



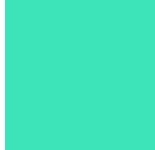
**Protanomaly**

4287748433



**Deuteranomaly**

4288729695



**Tritanomaly**

4282246329

# Monochromacy



**Original Color**

4278251095



**Achromatopsia**

4288059030



**Achromatomaly**

4284462719

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278251095 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, 238, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 238, 87)  
}
```

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, 238, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 238, 87) }
```

## Border

The CSS property to change the border of an element to Android 4278251095 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, 238, 87) }
```

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

```
.border{ border-color:rgb(0, 238, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 238, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 238, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 238, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 238, 87)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278251095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 238, 87) }
```

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

```
.background{ background-color: rgb(0, 238,  
87) }
```

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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