

Converting Colors

Android(4278249032)

Have a look what the booklet for
Android(4278249032) contains.

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Color

Android(4278249032)

Conversions

Conversions Part 1

Format	Color
Hex	00E648
RGB	0, 230, 72
RGB Percent	0%, 90%, 28%
CMY	1.0000, 0.0980, 0.7176
CMYK	1.00, 0.00, 0.69, 0.10
HSL	139°, 100%, 45%
HSV	139°, 100%, 90%
XYZ	29.4665, 57.0615, 15.5918
YIQ	143.2180, -86.3620, -97.8980

Conversions

Conversions Part 2

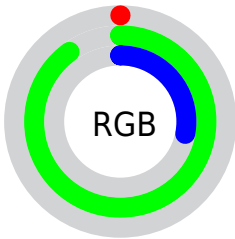
Format	Color
RYB	0, 175, 230
Decimal	58952
CIELab	80.21, -76.31, 61.25
CIELCh	80, 97.855, 141.248
Yxy	57.0615, 0.2885, 0.5588
Android (android.graphics.Color)	4278249032 (0xFF00E648)
YUV	143.2180, -35.1105, -125.6022
Hunter-Lab	75.5391, -62.5635, 40.6395

Details

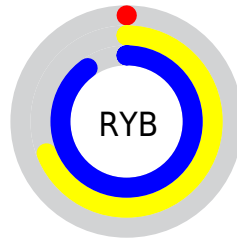
The Android color **4278249032** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **4293263518**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4285529984**, and **4278234368** is the 20% darker color. If you saturate the color by 10%, you get **4278249032**, and if you desaturate by 10%, it is **4279756376**.

Distribution



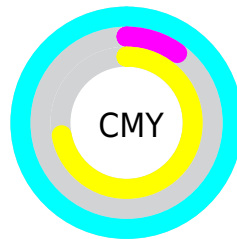
- Red (0%)
- Green (90%)
- Blue (28%)



- Red (0%)
- Yellow (69%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278249032 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 4278249032 by changing the saturation by 10% instead.

 4278249032

 4278249032

4294967295

 4278241578

 4285529984

 4278234368

 4287758236

 4278227200

 4289855416

 4278220288

 4291952597

 4278213376

 4294049778

 4278206976

 4278200320

 4278190336

 4278190080

 4278249032

 4279756376

 4281263720

 4282771063


 4284278407

 4285785751

 4287293095

 4288800439

 4290307782

 4291815126

Harmonies

Analogous

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



4289844736



4278249032



4278251176

Triad

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



4278249032



4278246143



4294927755

Complementary

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



4278249032



4293263518

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.



4294926566



4278249032



4286692351

Square

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



4278249032



4278250239



4294938111



4294938675

Rectangle

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



4278249032



4278251752



4294938111



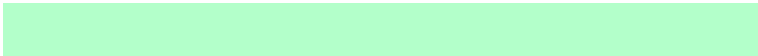
4294925481

Sweetspot

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



4278249032



4289986506



4288800256



4283596896



4278190080



4286611584

Same Dimension

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



4278249032



4278255440



4278249144



4284969835



4278235960



4278203152

Inverse Universe

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



4293263518



4294901935



4293263406



4285753199



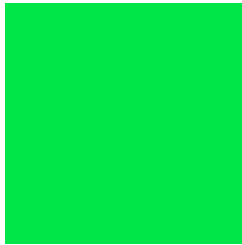
4289921147



4281532451

Previews

White Background



This preview shows how the Android color 4278249032 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 4278249032 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 4278249032 Background



This preview shows how black text looks on a background with the Android color 4278249032.



This preview shows how white text looks on a background with the Android color 4278249032.

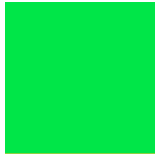
Color Blindness Simulation

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

4278249032



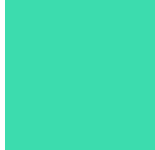
Protanomaly

4287484226



Deuteranomaly

4288400209



Tritanomaly

4282178734

Monochromacy



Original Color

4278249032



Achromatopsia

4287598479



Achromatomaly

4284198773

CSS Examples

Text

The CSS property to change the color of the text to Android 4278249032 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, 230, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 72)  
}
```

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, 230, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 72) }
```

Border

The CSS property to change the border of an element to Android 4278249032 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, 230, 72) }
```

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

```
.border{ border-color:rgb(0, 230, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 230, 72)  
}
```

Background

The CSS property to change the background color of an element to Android 4278249032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 72) }
```

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

```
.background{ background-color: rgb(0, 230,  
72) }
```

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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