

Converting Colors

Android(4278232615)

Have a look what the booklet for
Android(4278232615) contains.

Android(4278232615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278232615)

Conversions

Conversions Part 1

Format	Color
Hex	00A627
RGB	0, 166, 39
RGB Percent	0%, 65%, 15%
CMY	1.0000, 0.3490, 0.8471
CMYK	1.00, 0.00, 0.77, 0.35
HSL	134°, 100%, 33%
HSV	134°, 100%, 65%
XYZ	14.0024, 27.4189, 6.4738
YIQ	101.8880, -58.1690, -74.6890

Conversions

Conversions Part 2

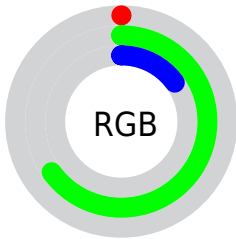
Format	Color
RYB	0, 134, 166
Decimal	42535
CIELab	59.36, -60.75, 51.87
CIELCh	59, 79.885, 139.510
Yxy	27.4189, 0.2924, 0.5725
Android (android.graphics.Color)	4278232615 (0xFF00A627)
YUV	101.8880, -31.0038, -89.3558
Hunter-Lab	52.3631, -43.9026, 29.3239

Details

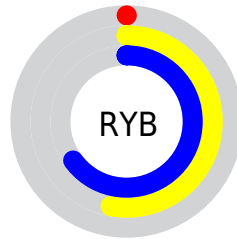
The Android color `4278232615` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289069183`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284341853`, and `4278218752` is the 20% darker color. If you saturate the color by 10%, you get `4278232615`, and if you desaturate by 10%, it is `4279346740`.

Distribution



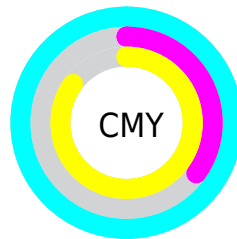
- Red (0%)
- Green (65%)
- Blue (15%)



- Red (0%)
- Yellow (53%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232615 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 4278232615 by changing the saturation by 10% instead.



4278232615



4278232615

4294967295



4278225665



4284341853



4278218752



4286381176



4278212096



4288348051



4278205952



4290314159



4278199808



4292280267



4278190080



4294246376




4278232615



4279346740

 4280395328

 4281509453

 4282558042

 4283672166

 4284786291

 4285834880

 4286949005

 4287997593

Harmonies

Analogous

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



4286683392



4278232615



4278234227

Triad

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



4278232615



4278231039



4294917733

Complementary

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



4278232615



4289069183

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.



4294852267



4278232615



4282812415

Square

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



4278232615



4278233849



4291388395



4293943840

Rectangle

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



4278232615



4278234788



4291388395



4294916220

Sweetspot

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



4278232615



4288207271



4286555648



4282805839



4293783021



4285427310

Same Dimension

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



4278232615



4278245683



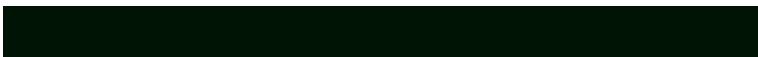
4278232698



4283192398



4278228003



4278195205

Inverse Universe

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



4289069183



4292411558



4289069100



4283714642



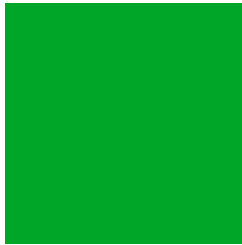
4287889521



4279500816

Previews

White Background



This preview shows how the Android color 4278232615 looks on a white background.

Color Contrast Check

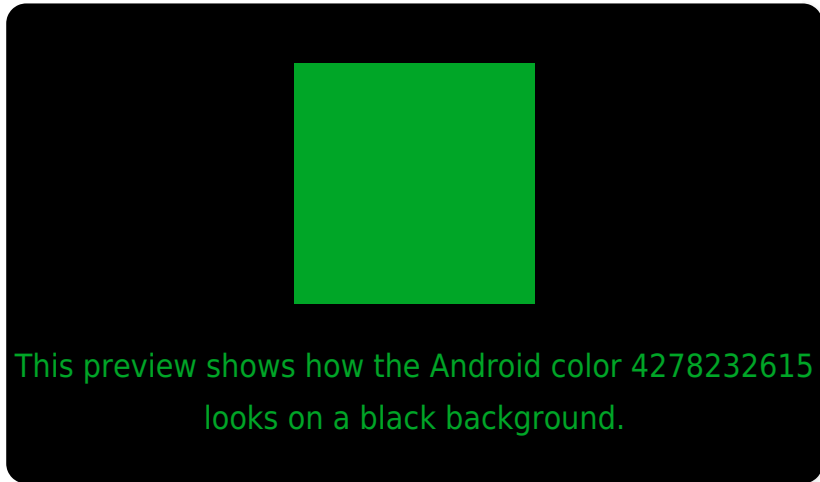
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4278232615 Background



This preview shows how black text looks on a background with the Android color 4278232615.



This preview shows how white text looks on a background with the Android color 4278232615.

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
4278232615

Protanopia
4288712225

Deuteranopia
4289824564

Trichromacy



Original Color

4278232615



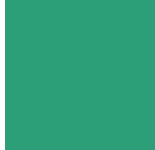
Protanomaly

4284913443



Deuteranomaly

4285633071



Tritanomaly

4281114488

Monochromacy



Original Color

4278232615



Achromatopsia

4284900966



Achromatomaly

4282481999

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232615 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, 166, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 39)  
}
```

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, 166, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 39) }
```

Border

The CSS property to change the border of an element to Android 4278232615 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, 166, 39) }
```

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

```
.border{ border-color:rgb(0, 166, 39) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 39);  
box-shadow:4px 4px 4px 4px rgb(0, 166, 39)  
}
```

Background

The CSS property to change the background color of an element to Android 4278232615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 39) }
```

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

```
.background{ background-color: rgb(0, 166,  
39) }
```

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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