

Converting Colors

Android(4278230565)

Have a look what the booklet for
Android(4278230565) contains.

Android(4278230565)	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(4278230565)

Conversions

Conversions Part 1

Format	Color
Hex	009E25
RGB	0, 158, 37
RGB Percent	0%, 62%, 15%
CMY	1.0000, 0.3804, 0.8549
CMYK	1.00, 0.00, 0.77, 0.38
HSL	134°, 100%, 31%
HSV	134°, 100%, 62%
XYZ	12.5608, 24.5873, 5.8341
YIQ	96.9640, -55.3270, -71.1270

Conversions

Conversions Part 2

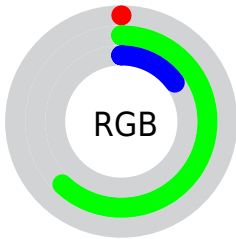
Format	Color
RYB	0, 128, 158
Decimal	40485
CIELab	56.67, -58.56, 49.90
CIELCh	57, 76.931, 139.566
Yxy	24.5873, 0.2922, 0.5720
Android (android.graphics.Color)	4278230565 (0xFF009E25)
YUV	96.9640, -29.5623, -85.0374
Hunter-Lab	49.5856, -41.5580, 27.7340

Details

The Android color `4278230565` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288544889`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284143195`, and `4278216960` is the 20% darker color. If you saturate the color by 10%, you get `4278230565`, and if you desaturate by 10%, it is `4279279153`.

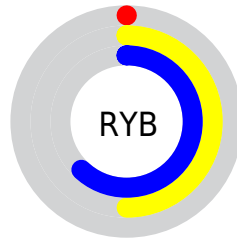
Distribution



Red (0%)

Green (62%)

Blue (15%)



Red (0%)

Yellow (50%)

Blue (62%)

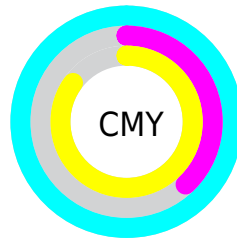


Cyan (100%)

Magenta (0%)

Yellow (77%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230565 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 4278230565 by changing the saturation by 10% instead.

 4278230565

 4278230565

4294967295

 4278223616

 4284143195

 4278216960

 4286182261

 4278210304

 4288085904

 4278204160

 4290052012

 4278198016

 4292018120


 4278190080

 4293984228

 4278230565

 4279279153

 4280327741

 4281310793

 4282359381

 4283407970

 4284456558

 4285505146

 4286488198

 4287536786

Harmonies

Analogous

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



4286288384



4278230565



4278232173

Triad

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



4278230565



4278228991



4294720352

Complementary

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



4278230565



4288544889

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.



4294065058



4278230565



4282679807

Square

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



4278230565



4278231790



4290731744



4293221662

Rectangle

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



4278230565



4278232476



4290731744



4294718838

Sweetspot

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



4278230565



4287745951



4286160384



4282607948



4293454056



4285098345

Same Dimension

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



4278230565



4278243120



4278230644



4282863433



4278226721



4278193924

Inverse Universe

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



4288544889



4291756190



4288544810



4283385677



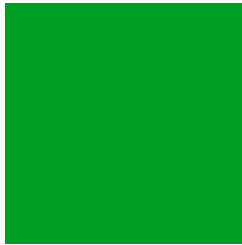
4287561837



4279173132

Previews

White Background



This preview shows how the Android color 4278230565 looks on a white background.

Color Contrast Check

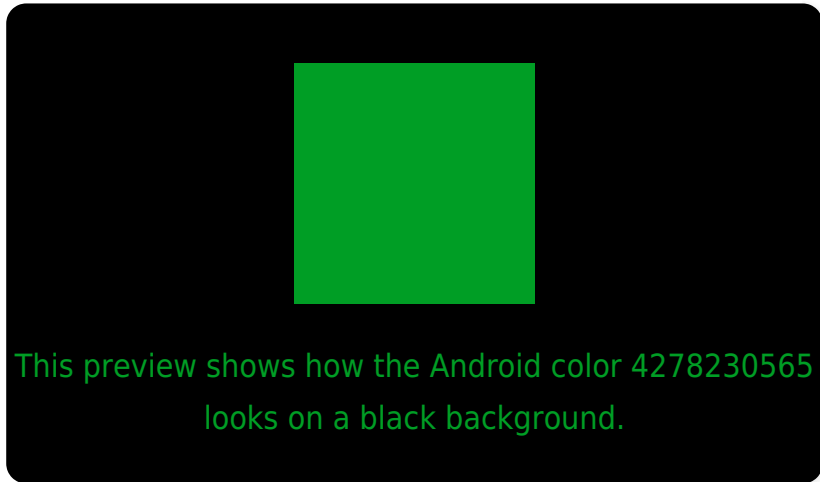
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230565 Background



This preview shows how black text looks on a background with the Android color 4278230565.



This preview shows how white text looks on a background with the Android color 4278230565.

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

4278230565

Protanopia

4288186143

Deuteranopia

4289298481

Trichromacy



Original Color

4278230565



Protanomaly

4284583713



Deuteranomaly

4285303597



Tritanomaly

4280915827

Monochromacy



Original Color

4278230565



Achromatopsia

4284572001



Achromatomaly

4282283851

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230565 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, 158, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 37)  
}
```

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, 158, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 37) }
```

Border

The CSS property to change the border of an element to Android 4278230565 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, 158, 37) }
```

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

```
.border{ border-color:rgb(0, 158, 37) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 37)  
}
```

Background

The CSS property to change the background color of an element to Android 4278230565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 37) }
```

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

```
.background{ background-color: rgb(0, 158,  
37) }
```

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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