

# Converting Colors

Android(4278365519)

Have a look what the booklet for  
Android(4278365519) contains.

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**Color**

**Android(4278365519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02AD4F
RGB	2, 173, 79
RGB Percent	1%, 68%, 31%
CMY	0.9922, 0.3216, 0.6902
CMYK	0.99, 0.00, 0.54, 0.32
HSL	147°, 98%, 34%
HSV	147°, 99%, 68%
XYZ	16.3799, 30.4646, 12.4141
YIQ	111.1550, -71.7420, -65.4860

# Conversions

## Conversions Part 2

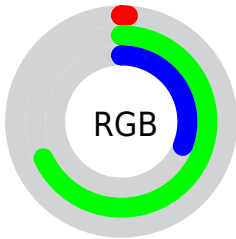
Format	Color
<a href="#">RYB</a>	<a href="#">2, 120, 173</a>
Decimal	<a href="#">175439</a>
CIELab	<a href="#">62.05, -58.19, 37.59</a>
CIELCh	<a href="#">62, 69.278, 147.135</a>
Yxy	<a href="#">30.4646, 0.2764, 0.5141</a>
Android (android.graphics.Color)	<a href="#">4278365519</a> ( <a href="#">0xFF02AD4F</a> )
YUV	<a href="#">111.1550, -15.8524, -95.7289</a>
Hunter-Lab	<a href="#">55.1947, -43.6181, 25.3011</a>

# Details

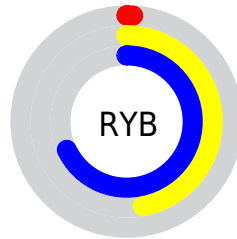
The Android color **4278365519** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **4289528416**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4284343938**, and **4278220573** is the 20% darker color. If you saturate the color by 10%, you get **4278234446**, and if you desaturate by 10%, it is **4279479641**.

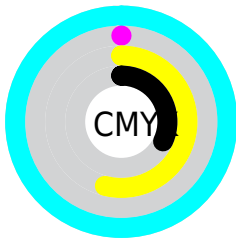
# Distribution



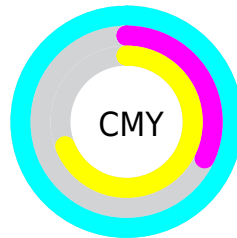
- Red (1%)
- Green (68%)
- Blue (31%)



- Red (1%)
- Yellow (47%)
- Blue (68%)



- Cyan (99%)
- Magenta (0%)
- Yellow (54%)
- Black (32%)



- Cyan (99%)
- Magenta (32%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278365519 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 4278365519 by changing the saturation by 10% instead.



 4278365519

 4278365519

4294967295

 4278227510

 4284343938

 4278220573

 4286381981

 4278213889

 4288348088

 4278207488

 4290314196

 4278201600

 4292280305

 4278193664

 4294311935

 4278190080

 4278365519

 4278365519

 4278234446

 4279479641

 4280659298

 4281773420

 4282887541

 4284067199

 4285181320

 4286295442

 4287409563

 4288589221

# Harmonies

## Analogous

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



4286423825



4278365519



4278235790

# Triad

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



4278365519



4278231039



4294925922

# Complementary

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



4278365519



4289528416

# 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.



4294924191



4278365519



4287138047

# Square

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



4278365519



4278234621



4292504538



4293294123

# Rectangle

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



4278365519



4278235832



4292504538



4294924662



# Sweetspot

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



4278365519



4288536763



4284525826



4282937434



4293980400



4285558896



# Same Dimension

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



4278365519



4278247525



4278365604



4283324242



4278228548



4278195978



# Inverse Universe

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



4289528416



4292870267



4289528331



4283911763



4288020563



4279697421



# Previews

## White Background



This preview shows how the Android color 4278365519 looks on a white background.

## Color Contrast Check

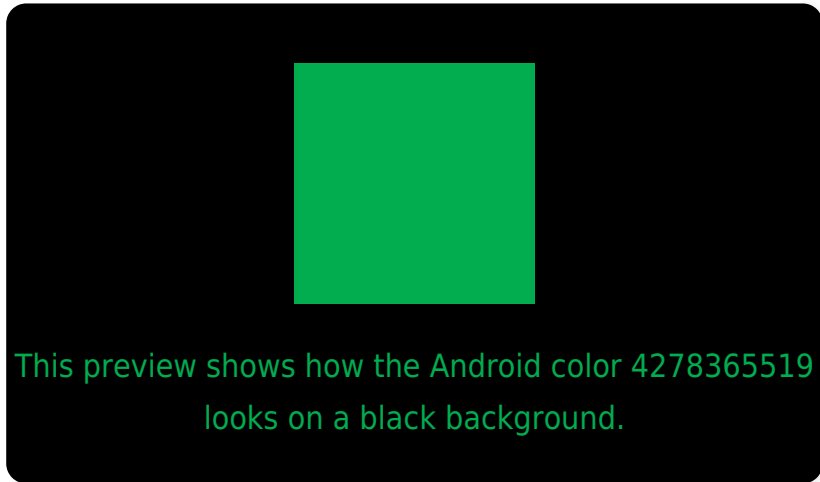
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4278365519 Background



This preview shows how black text looks on a background with the Android color 4278365519.



This preview shows how white text looks on a background with the Android color 4278365519.

# 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**

4278365519



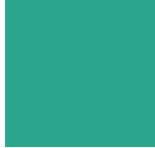
**Protanomaly**

4285177418



**Deuteranomaly**

4285831508



**Tritanomaly**

4281051021

# Monochromacy



**Original Color**

4278365519



**Achromatopsia**

4285493103



**Achromatomaly**

4282877539

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278365519 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(2, 173, 79)` looks like.

```
.text, #text, p{  
    color:rgb(2, 173, 79)  
}
```

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(2, 173, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 173, 79) }
```

## Border

The CSS property to change the border of an element to Android 4278365519 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(2, 173, 79) }
```

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

```
.border{ border-color:rgb(2, 173, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 173, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 173, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 173, 79);  
box-shadow:4px 4px 4px 4px rgb(2, 173, 79)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278365519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 173, 79) }
```

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

```
.background{ background-color: rgb(2, 173,  
79) }
```

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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