

# Converting Colors

Android(4278237512)

Have a look what the booklet for  
Android(4278237512) contains.

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# **Color**

**Android(4278237512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B948
RGB	0, 185, 72
RGB Percent	0%, 73%, 28%
CMY	1.0000, 0.2745, 0.7176
CMYK	1.00, 0.00, 0.61, 0.27
HSL	143°, 100%, 36%
HSV	143°, 100%, 73%
XYZ	18.5187, 35.1658, 11.9425
YIQ	116.8030, -73.9870, -74.3630

# Conversions

## Conversions Part 2

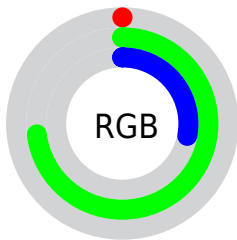
Format	Color
<a href="#">RYB</a>	<a href="#">0, 133, 185</a>
Decimal	<a href="#">47432</a>
CIELab	<a href="#">65.88, -63.06, 45.43</a>
CIELCh	<a href="#">66, 77.719, 144.227</a>
Yxy	<a href="#">35.1658, 0.2822, 0.5358</a>
Android (android.graphics.Color)	<a href="#">4278237512 (0xFF00B948)</a>
YUV	<a href="#">116.8030, -22.0879, -102.4362</a>
Hunter-Lab	<a href="#">59.3008, -48.0337, 29.5702</a>

# Details

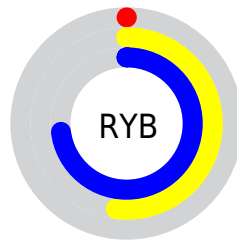
The Android color **4278237512** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **4290314353**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4284609148**, and **4278223377** is the 20% darker color. If you saturate the color by 10%, you get **4278237512**, and if you desaturate by 10%, it is **4279417171**.

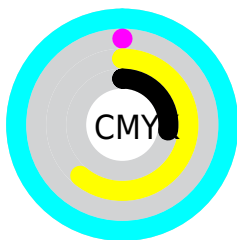
# Distribution



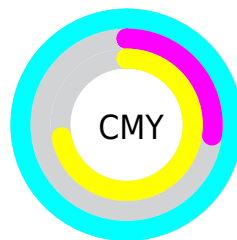
- Red (0%)
- Green (73%)
- Blue (28%)



- Red (0%)
- Yellow (52%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278237512 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 4278237512 by changing the saturation by 10% instead.



 4278237512

 4278237512

4294967295

 4278230318

 4284609148

 4278223377

 4286709655

 4278216704

 4288675762

 4278210048

 4290707407

 4278204160

 4292673515

 4278197504

 4294705151

 4278190080

 4278237512

 4279417171

 4280662367

 4281907562

 4283087221

 4284332417

 4285512076

 4286757271

 4287936930

 4289182126

# Harmonies

## Analogous

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



4287212800



4278237512



4278239120

# Triad

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



4278237512



4278234623



4294925419

# Complementary

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



4278237512



4290314353

# 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.



4294923697



4278237512



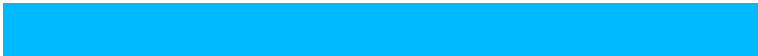
4286616575

# Square

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



4278237512



4278237951



4293292531



4294802218

# Rectangle

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



4278237512



4278239424



4293292531



4294923650

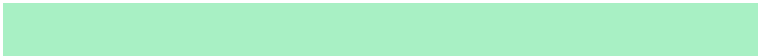


# Sweetspot

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



4278237512



4289261764



4285708544



4283267165



4294440951



4286085240



# Same Dimension

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



4278237512



4278251613



4278237603



4283653206



4278230077



4278197259



# Inverse Universe

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



4290314353



4293918866



4290314262



4284240728



4288413791



4280025105



# Previews

## White Background



This preview shows how the Android color 4278237512 looks on a white background.

## Color Contrast Check

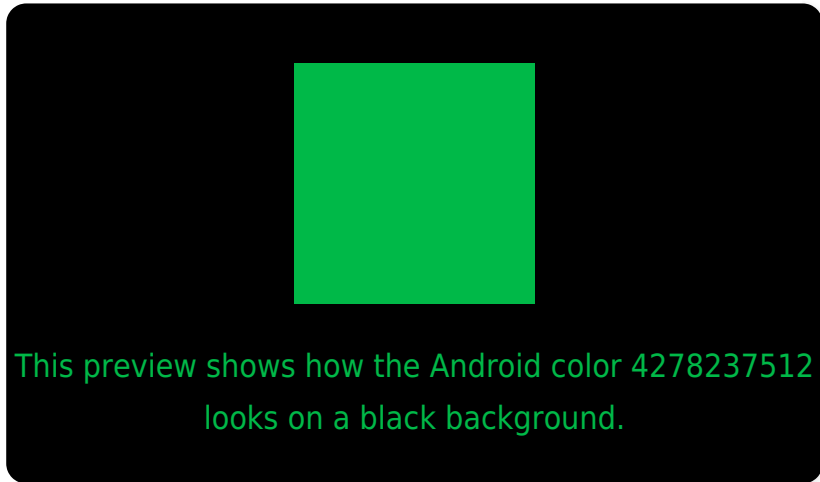
Large Text (above 18pt) WCAG AA × Fail

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 4278237512 Background



This preview shows how black text looks on a background with the Android color 4278237512.



This preview shows how white text looks on a background with the Android color 4278237512.

# 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**

4278237512



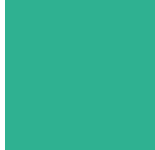
**Protanomaly**

4285638723



**Deuteranomaly**

4286358350



**Tritanomaly**

4281315729

# Monochromacy



**Original Color**

4278237512



**Achromatopsia**

4285887861



**Achromatomaly**

4283076197

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278237512 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, 185, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 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, 185, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 72) }
```

## Border

The CSS property to change the border of an element to Android 4278237512 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, 185, 72) }
```

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

```
.border{ border-color:rgb(0, 185, 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, 185, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 72);  
box-shadow:4px 4px 4px 4px rgb(0, 185, 72)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278237512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 72) }
```

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

```
.background{ background-color: rgb(0, 185,  
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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