

# Converting Colors

Android(4287677538)

Have a look what the booklet for  
Android(4287677538) contains.

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# Color

**Android(4287677538)**

# Conversions

Conversions Part 1	
Format	Color
Hex	90C462
RGB	144, 196, 98
RGB Percent	56%, 77%, 38%
CMY	0.4353, 0.2314, 0.6157
CMYK	0.27, 0.00, 0.50, 0.23
HSL	92°, 45%, 58%
HSV	92°, 50%, 77%
XYZ	33.4461, 46.2910, 18.7275
YIQ	169.2800, 0.4660, -41.5020

# Conversions

## Conversions Part 2

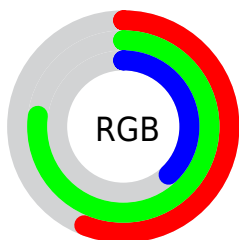
Format	Color
<a href="#">RYB</a>	<a href="#">98, 196, 150</a>
Decimal	<a href="#">9487458</a>
CIELab	<a href="#">73.73, -33.79, 43.49</a>
CIELCh	<a href="#">74, 55.070, 127.844</a>
Yxy	<a href="#">46.2910, 0.3397, 0.4701</a>
Android (android.graphics.Color)	<a href="#">4287677538</a> (0xFF90C462)
YUV	<a href="#">169.2800, -35.1410, -22.1706</a>
Hunter-Lab	<a href="#">68.0375, -31.3179, 31.3065</a>

# Details

The Android color **4287677538** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **4288045764**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4291362199**, and **4284124719** is the 20% darker color. If you saturate the color by 10%, you get **4287022158**, and if you desaturate by 10%, it is **4288332918**.

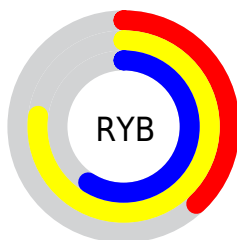
# Distribution



Red (56%)

Green (77%)

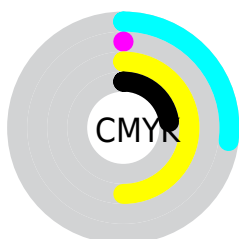
Blue (38%)



Red (38%)

Yellow (77%)

Blue (59%)

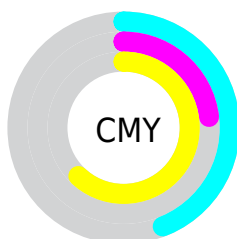


Cyan (27%)

Magenta (0%)

Yellow (50%)

Black (23%)



Cyan (44%)

Magenta (23%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287677538 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 4287677538 by changing the saturation by 10% instead.



 4287677538

 4287677538

4294967295

 4285901129

 4291362199

 4284124719

 4293263282

 4282414100

 4294967246

 4280638208

 4294967275

 4278665984

 4278201344

 4278195456

 4278190080

 4287677538

 4287677538

 4287022158

 4288332918

 4286301243

 4289053833

 4285645863


 4289709213

 4284924948

 4290430128

 4284269568

 4291085508

 4291740888

 4292461803

 4293117183

 4293838079

# Harmonies

## Analogous

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



4291213132



4287677538



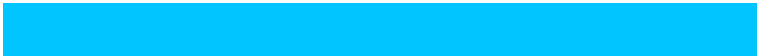
4282698893

# Triad

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



4287677538



4278240767



4294937258

# Complementary

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



4287677538



4288045764

# 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.



4294873308



4287677538



4285904639

# Square

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



4287677538



4278242802



4291470335



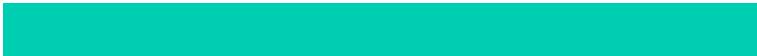
4294939514

# Rectangle

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



4287677538



4278242992



4291470335



4294937275

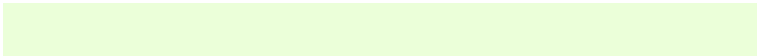


# Sweetspot

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



4287677538



4293656537



4291073378



4285759593



4278190080



4286611584



# Same Dimension

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



4287677538



4289658726



4284662884



4284244311



4283146496



4279247104



# Inverse Universe

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



4288045764



4290209535



4291060418



4284241761



4283760801



4279369761



# Previews

## White Background



This preview shows how the Android color 4287677538 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 4287677538 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 4287677538 Background



This preview shows how black text looks on a background with the Android color 4287677538.



This preview shows how white text looks on a background with the Android color 4287677538.

# 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**

4287677538

**Protanopia**

4291278173

**Deuteranopia**

4292652136



# Trichromacy

	<b>Original Color</b> 4287677538
	<b>Protanomaly</b> 4289968735
	<b>Deuteranomaly</b> 4290819430
	<b>Tritanomaly</b> 4288331171

# Monochromacy

	<b>Original Color</b> 4287677538
	<b>Achromatopsia</b> 4289309097
	<b>Achromatomaly</b> 4288721807

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287677538 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(144, 196, 98)` looks like.

```
.text, #text, p{  
    color:rgb(144, 196, 98)  
}
```

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(144, 196, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 196, 98) }
```

## Border

The CSS property to change the border of an element to Android 4287677538 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(144, 196, 98) }
```

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

```
.border{ border-color:rgb(144, 196, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 196, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 196, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 196, 98);  
box-shadow:4px 4px 4px 4px rgb(144, 196,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4287677538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 196, 98) }
```

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

```
.background{ background-color: rgb(144,  
196, 98) }
```

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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