

# Converting Colors

Android(4288732718)

Have a look what the booklet for  
Android(4288732718) contains.

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# **Color**

**Android(4288732718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0DE2E
RGB	160, 222, 46
RGB Percent	63%, 87%, 18%
CMY	0.3725, 0.1294, 0.8196
CMYK	0.28, 0.00, 0.79, 0.13
HSL	81°, 73%, 53%
HSV	81°, 79%, 87%
XYZ	41.1116, 59.9134, 11.9824
YIQ	183.3980, 19.5440, -67.8800

# Conversions

## Conversions Part 2

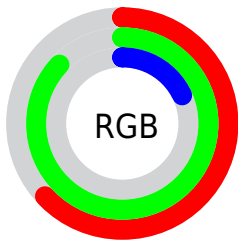
Format	Color
<a href="#">RYB</a>	<a href="#">46, 222, 108</a>
Decimal	<a href="#">10542638</a>
CIELab	<a href="#">81.79, -43.38, 72.76</a>
CIELCh	<a href="#">82, 84.713, 120.802</a>
Yxy	<a href="#">59.9134, 0.3638, 0.5302</a>
Android (android.graphics.Color)	<a href="#">4288732718 (0xFFA0DE2E)</a>
YUV	<a href="#">183.3980, -67.7372, -20.5200</a>
Hunter-Lab	<a href="#">77.4037, -40.6494, 45.0043</a>

# Details

The Android color **4288732718** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4285279966**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4292607851**, and **4284917248** is the 20% darker color. If you saturate the color by 10%, you get **4288208408**, and if you desaturate by 10%, it is **4289257028**.

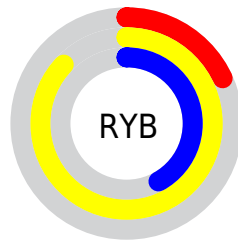
# Distribution



Red (63%)

Green (87%)

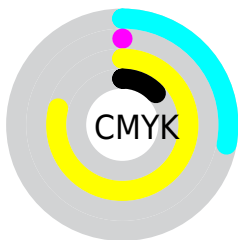
Blue (18%)



Red (18%)

Yellow (87%)

Blue (42%)

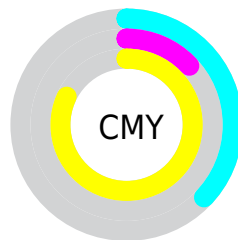


Cyan (28%)

Magenta (0%)

Yellow (79%)

Black (13%)



Cyan (37%)

Magenta (13%)

















Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288732718 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 4288732718 by changing the saturation by 10% instead.



 4288732718	 4288732718
4294967295	 4286824960
 4292607851	 4284917248
 4294573960	 4283010048
 4294967204	 4281037312
 4294967233	 4278212864
 4294967263	 4278206720
4294967292	 4278201088
	 4278193152
	 4278190080

■ 4288732718

■ 4288732718

■ 4288208408

■ 4289257028

■ 4287684098

■ 4289781338

■ 4287684096

■ 4290240113

■ 4290764423

■ 4291288733

■ 4291813043

■ 4292337353

■ 4292861664

■ 4293320438

# Harmonies

## Analogous

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



4293969920



4288732718



4278250105

# Triad

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



4288732718



4278249471



4294933197

# Complementary

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



4288732718



4285279966

# 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.



4294938879



4288732718



4278244607

# Square

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



4288732718



4278251519



4291606015



4294936703

# Rectangle

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



4288732718



4278251439



4291606015



4294934247

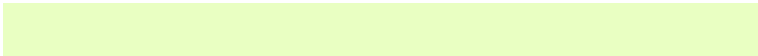


# Sweetspot

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



4288732718



4293525442



4292766766



4285694043



4278190080



4286611584



# Same Dimension

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



4288732718



4289396493



4282965550



4285296741



4285706240



4280233984



# Inverse Universe

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



4285279966



4284616191



4291047134



4285097328



4282253488



4279304240



# Previews

## White Background



This preview shows how the Android color 4288732718 looks on a white background.

## Color Contrast Check

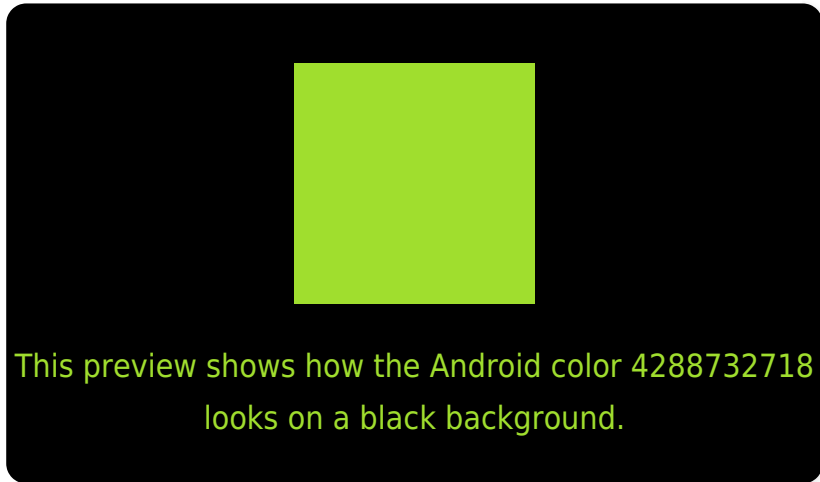
Large Text (above 18pt) WCAG AA × Fail

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 4288732718 Background



This preview shows how black text looks on a background with the Android color 4288732718.



This preview shows how white text looks on a background with the Android color 4288732718.

# 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





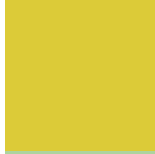
# Trichromacy



**Original Color**  
4288732718



**Protanomaly**  
4291547691



**Deuteranomaly**  
4292660024

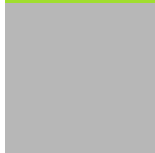


**Tritanomaly**  
4289582239

# Monochromacy



**Original Color**  
4288732718



**Achromatopsia**  
4290230199



**Achromatomaly**  
4289709445

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288732718 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(160, 222, 46)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 46)  
}
```

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(160, 222, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 46) }
```

## Border

The CSS property to change the border of an element to Android 4288732718 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(160, 222, 46) }
```

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

```
.border{ border-color:rgb(160, 222, 46) }
```

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

Here you see how a box with a 4 pixel rgb(160, 222, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 46);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4288732718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 46) }
```

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

```
.background{ background-color: rgb(160,  
222, 46) }
```

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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