

# Converting Colors

Android(4288736020)

Have a look what the booklet for  
Android(4288736020) contains.

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# **Color**

**Android(4288736020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0EB14
RGB	160, 235, 20
RGB Percent	63%, 92%, 8%
CMY	0.3725, 0.0784, 0.9216
CMYK	0.32, 0.00, 0.91, 0.08
HSL	81°, 84%, 50%
HSV	81°, 91%, 92%
XYZ	44.3318, 66.9408, 11.2461
YIQ	188.0650, 24.3150, -82.7650

# Conversions

## Conversions Part 2

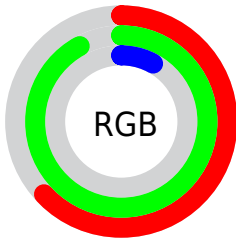
Format	Color
<a href="#">RYB</a>	<a href="#">20, 235, 95</a>
Decimal	<a href="#">10545940</a>
CIELab	<a href="#">85.47, -49.63, 81.12</a>
CIELCh	<a href="#">85, 95.095, 121.459</a>
Yxy	<a href="#">66.9408, 0.3618, 0.5464</a>
Android (android.graphics.Color)	<a href="#">4288736020 (0xFFA0EB14)</a>
YUV	<a href="#">188.0650, -82.8560, -24.6130</a>
Hunter-Lab	<a href="#">81.8173, -46.4621, 49.1225</a>

# Details

The Android color `4288736020` is a dark color, and the websafe version is hex `99FF33`. The color can be described as middle washed chartreuse. A complement of this color would be `4284421355`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4292673375`, and `4284855040` is the 20% darker color. If you saturate the color by 10%, you get `4288277248`, and if you desaturate by 10%, it is `4289260332`.

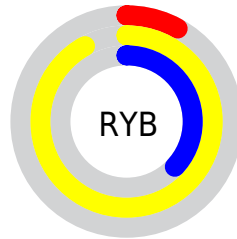
# Distribution



Red (63%)

Green (92%)

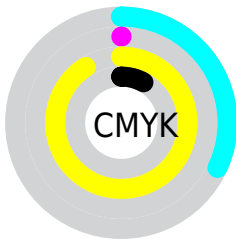
Blue (8%)



Red (8%)

Yellow (92%)

Blue (37%)

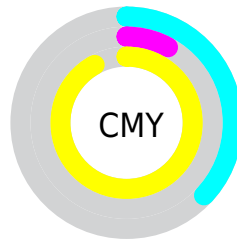


Cyan (32%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (37%)

Magenta (8%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288736020 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 4288736020 by changing the saturation by 10% instead.



 4288736020

 4288736020

4294967295

 4286762752

 4292673375

 4284855040

 4294639485

 4282816512

 4294967194

 4280581376

 4294967224

 4278215680

 4294967253

 4278209280

 4294967283

 4278203136

 4278197248

 4278190080

■ 4288736020

■ 4288736020

■ 4288277248

■ 4289260332

■ 4289784643

■ 4290374491

■ 4290898802

■ 4291423114

■ 4291947425

■ 4292471737

■ 4293061584

■ 4293585896

# Harmonies

## Analogous

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



4294693632



4288736020



4278253690

# Triad

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



4288736020



4278253055



4294931413

# Complementary

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



4288736020



4284421355

# Split Complementary

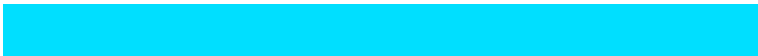
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294938623



4288736020



4278247423

# Square

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



4288736020



4278255103



4292328447



4294936189

# Rectangle

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



4288736020



4278255032



4292328447



4294932723

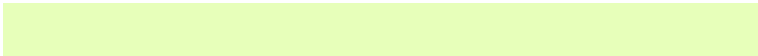


# Sweetspot

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



4288736020



4293394362



4293614612



4285628503



4278190080



4286611584



# Same Dimension

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



4288736020



4289134336



4281920276



4285625706



4285969664



4280497664



# Inverse Universe

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



4284421355



4284023039



4291237099



4285426293



4282319029



4279435318



# Previews

## White Background



This preview shows how the Android color 4288736020 looks on a white background.

## Color Contrast Check

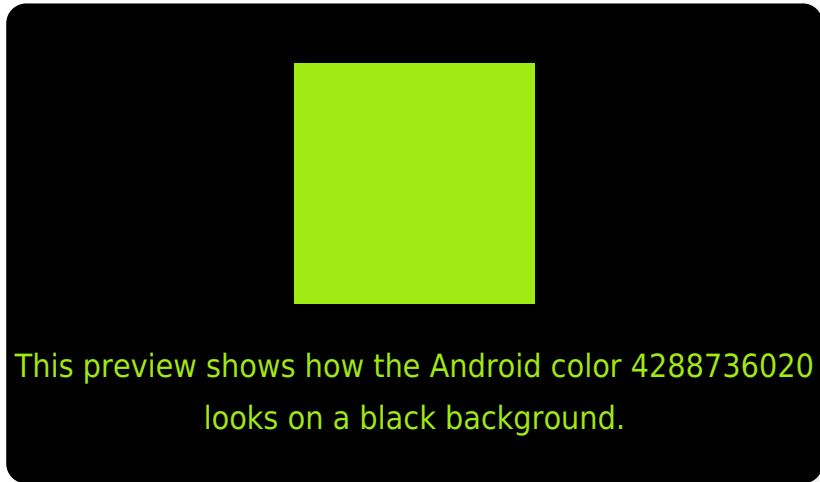
Large Text (above 18pt) WCAG AA × Fail

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 4288736020 Background



This preview shows how black text looks on a background with the Android color 4288736020.



This preview shows how white text looks on a background with the Android color 4288736020.

# Color Blindness Simulation

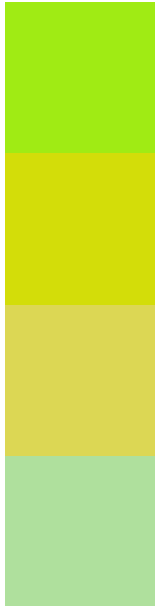
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



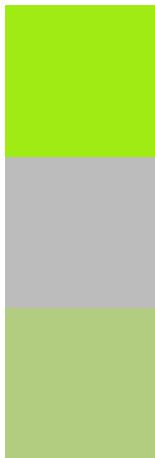
**Original Color**  
4288736020

**Protanomaly**  
4292074761

**Deuteranomaly**  
4292663124

**Tritanomaly**  
4289716381

# Monochromacy



**Original Color**  
4288736020

**Achromatopsia**  
4290559164

**Achromatomaly**  
4289908095

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288736020 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, 235, 20)` looks like.

```
.text, #text, p{  
    color:rgb(160, 235, 20)  
}
```

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, 235, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 235, 20) }
```

## Border

The CSS property to change the border of an element to Android 4288736020 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, 235, 20) }
```

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

```
.border{ border-color:rgb(160, 235, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 235, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 235, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 235, 20);  
box-shadow:4px 4px 4px 4px rgb(160, 235,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4288736020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 235, 20) }
```

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

```
.background{ background-color: rgb(160,  
235, 20) }
```

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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