

# Converting Colors

Android(4282298112)

Have a look what the booklet for  
Android(4282298112) contains.

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# **Color**

**Android(4282298112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EAF00
RGB	62, 175, 0
RGB Percent	24%, 69%, 0%
CMY	0.7569, 0.3137, 1.0000
CMYK	0.65, 0.00, 1.00, 0.31
HSL	99°, 100%, 34%
HSV	99°, 100%, 69%
XYZ	17.3166, 31.6841, 5.2030
YIQ	121.2630, -11.1730, -78.3810

# Conversions

## Conversions Part 2

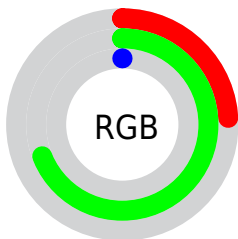
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 113
Decimal	4108032
CIELab	63.08, -57.42, 63.77
CIElCh	63, 85.809, 131.998
Yxy	31.6841, 0.3195, 0.5845
Android (android.graphics.Color)	4282298112 (0xFF3EAF00)
YUV	121.2630, -59.7827, -51.9737
Hunter-Lab	56.2886, -43.5915, 33.9216

# Details

The Android color `4282298112` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285595823`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4286441547`, and `4278221056` is the 20% darker color. If you saturate the color by 10%, you get `4282298112`, and if you desaturate by 10%, it is `4283019025`.

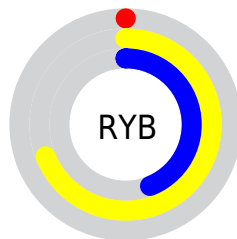
# Distribution



Red (24%)

Green (69%)

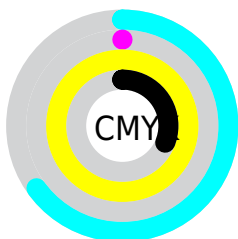
Blue (0%)



Red (0%)

Yellow (69%)

Blue (44%)

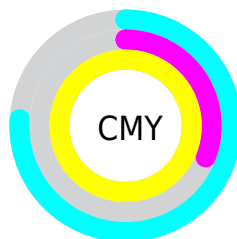


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (76%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282298112 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 4282298112 by changing the saturation by 10% instead.



 4282298112

 4282298112

4294967295

 4279407616

 4286441547

 4278221056

 4288348007

 4278214400

 4290314115

 4278208000

 4292280223

 4278202368

 4294246332

 4278194944

 4294967257

 4278190080

 4294967286

 4282298112

 4283019025

 4283805475

 4284526389

 4285247302

 4285968216

 4286754665

 4287475578

 4288196492

 4288982942

# Harmonies

## Analogous

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



4288454400



4282298112



4278237030

# Triad

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



4282298112



4278234879



4294916222

# Complementary

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



4282298112



4285595823

# 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.



4294920138



4282298112



4278229247

# Square

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



4282298112



4278237438



4290802943



4294925620

# Rectangle

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



4282298112



4278237596



4290802943



4294915479



# Sweetspot

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



4282298112



4290241439



4289687296



4283986761



4294111986



4285756275



# Same Dimension

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



4282298112



4283491072



4278234903



4283520846



4281701888



4278720256



# Inverse Universe

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



4285595823



4287824099



4289659032



4283715159



4284547222



4279173143



# Previews

## White Background



This preview shows how the Android color 4282298112 looks on a white background.

## Color Contrast Check

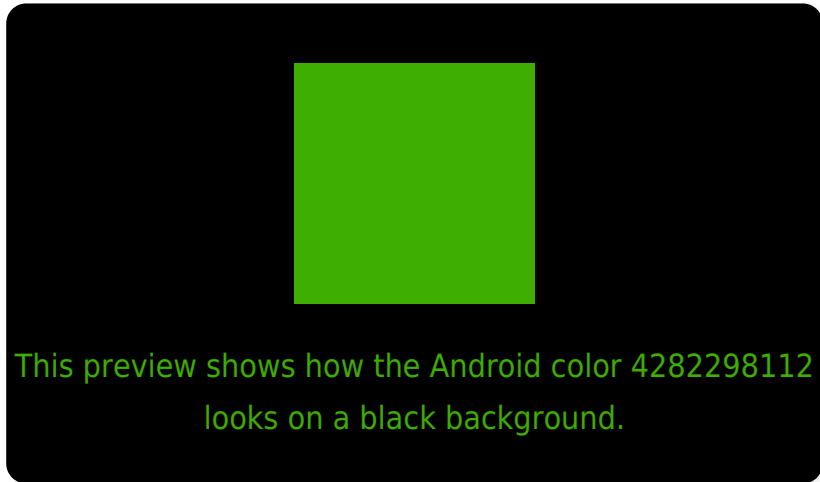
Large Text (above 18pt) WCAG AA × Fail

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

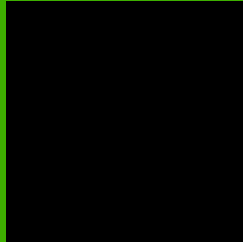
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282298112 Background



This preview shows how black text looks on a background with the Android color 4282298112.



This preview shows how white text looks on a background with the Android color 4282298112.

# 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**

4282298112



**Protanomaly**

4286816256



**Deuteranomaly**

4287666968



**Tritanomaly**

4283606896

# Monochromacy



**Original Color**

4282298112



**Achromatopsia**

4286151033



**Achromatomaly**

4284779853

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282298112 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(62, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 175, 0)  
}
```

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(62, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 175, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282298112 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(62, 175, 0) }
```

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

```
.border{ border-color:rgb(62, 175, 0) }
```

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

Here you see how a box with a 4 pixel rgb(62, 175, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(62, 175, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282298112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 175, 0) }
```

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

```
.background{ background-color: rgb(62, 175,  
0) }
```

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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