

# Converting Colors

Android(4282316603)

Have a look what the booklet for  
Android(4282316603) contains.

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# **Color**

**Android(4282316603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EF73B
RGB	62, 247, 59
RGB Percent	24%, 97%, 23%
CMY	0.7569, 0.0314, 0.7686
CMYK	0.75, 0.00, 0.76, 0.03
HSL	119°, 92%, 60%
HSV	119°, 76%, 97%
XYZ	36.0368, 67.8614, 15.3369
YIQ	170.2530, -49.9120, -97.6880

# Conversions

## Conversions Part 2

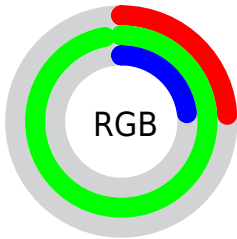
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 247, 244
Decimal	4126523
CIELab	85.94, -77.50, 71.69
CIELCh	86, 105.573, 137.228
Yxy	67.8614, 0.3022, 0.5691
Android (android.graphics.Color)	4282316603 (0xFF3EF73B)
YUV	170.2530, -54.8477, -94.9379
Hunter-Lab	82.3780, -66.0757, 46.6262

# Details

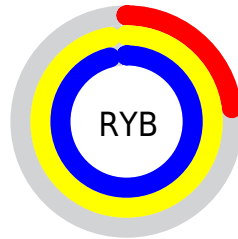
The Android color `4282316603` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294196215`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4287233911`, and `4278238464` is the 20% darker color. If you saturate the color by 10%, you get `4280743714`, and if you desaturate by 10%, it is `4283889492`.

# Distribution



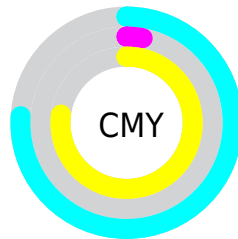
- Red (24%)
- Green (97%)
- Blue (23%)



- Red (23%)
- Yellow (97%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (76%)
- Black (3%)



- Cyan (76%)
- Magenta (3%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282316603 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 4282316603 by changing the saturation by 10% instead.



 4282316603

 4282316603

4294967295

 4278245907

 4287233911

 4278238464

 4289396627

 4278231296

 4291493808

 4278224128

 4293590990

 4278217216

 4294967275

 4278210560

 4278204416

 4278197504

 4278190080

 4282316603

 4282316603

 4280743714

 4283889492

 4279105290

 4285527916

 4278515456

 4287100805

 4288673694

 4290312118

 4291885007

 4293457896

 4294965247

# Harmonies

## Analogous

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



4291617792



4282316603



4278255527

# Triad

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



4282316603



4278251519



4294927522

# Complementary

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



4282316603



4294196215

# 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.



4294928895



4282316603



4283813887

# Square

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



4282316603



4278255615



4294942463



4294939714

# Rectangle

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



4282316603



4278255597



4294942463



4294925763

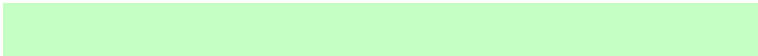


# Sweetspot

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



4282316603



4291166148



4294439995



4284252252



4278190080



4286611584



# Same Dimension

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



4282316603



4280024855



4282120086



4285430382



4278434304



4278270720



# Inverse Universe

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



4294196215



4294645759



4294392732



4286213754



4290183354

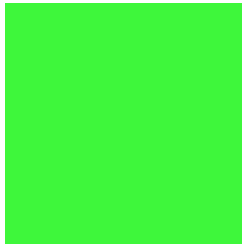


4281991227



# Previews

## White Background



This preview shows how the Android color 4282316603 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 4282316603 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 4282316603 Background



This preview shows how black text looks on a background with the Android color 4282316603.

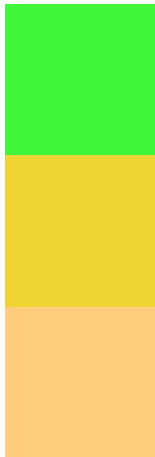


This preview shows how white text looks on a background with the Android color 4282316603.

# 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



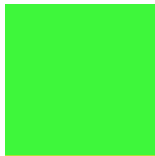
**Original Color**  
4282316603

**Protanopia**  
4293907762

**Deuteranopia**  
4294954364



# Trichromacy



**Original Color**

4282316603



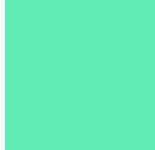
**Protanomaly**

4289716533



**Deuteranomaly**

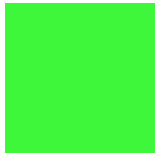
4290370660



**Tritanomaly**

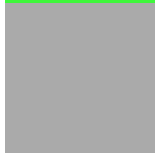
4284542132

# Monochromacy



**Original Color**

4282316603



**Achromatopsia**

4289374890



**Achromatomaly**

4286826114

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282316603 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, 247, 59)` looks like.

```
.text, #text, p{  
    color:rgb(62, 247, 59)  
}
```

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, 247, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 247, 59) }
```

## Border

The CSS property to change the border of an element to Android 4282316603 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, 247, 59) }
```

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

```
.border{ border-color:rgb(62, 247, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 247, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 247, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 247, 59);  
box-shadow:4px 4px 4px 4px rgb(62, 247,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4282316603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 247, 59) }
```

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

```
.background{ background-color: rgb(62, 247,  
59) }
```

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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