

# Converting Colors

Android(4284342877)

Have a look what the booklet for  
Android(4284342877) contains.

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**Color**

**Android(4284342877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE25D
RGB	93, 226, 93
RGB Percent	36%, 89%, 36%
CMY	0.6353, 0.1137, 0.6353
CMYK	0.59, 0.00, 0.59, 0.11
HSL	120°, 70%, 63%
HSV	120°, 59%, 89%
XYZ	33.6863, 57.5102, 19.6810
YIQ	171.0710, -36.5750, -69.5590

# Conversions

## Conversions Part 2

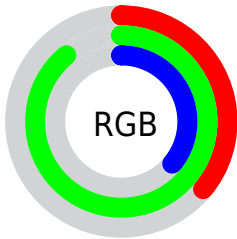
Format	Color
<a href="#">RYB</a>	<a href="#">93, 226, 226</a>
Decimal	<a href="#">6152797</a>
CIELab	<a href="#">80.47, -61.96, 53.24</a>
CIELCh	<a href="#">80, 81.690, 139.329</a>
Yxy	<a href="#">57.5102, 0.3038, 0.5187</a>
Android (android.graphics.Color)	<a href="#">4284342877 (0xFF5DE25D)</a>
YUV	<a href="#">171.0710, -38.4890, -68.4683</a>
Hunter-Lab	<a href="#">75.8355, -53.4218, 37.6977</a>

# Details

The Android color `4284342877` is a dark color, and the websafe version is hex `33CC33`. The color can be described as middle muted green. A complement of this color would be `4293025250`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4288413587`, and `4278233382` is the 20% darker color. If you saturate the color by 10%, you get `4282835526`, and if you desaturate by 10%, it is `4285850228`.

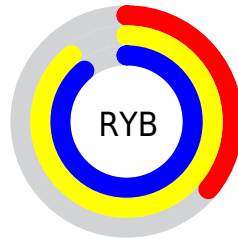
# Distribution



Red (36%)

Green (89%)

Blue (36%)



Red (36%)

Yellow (89%)

Blue (89%)

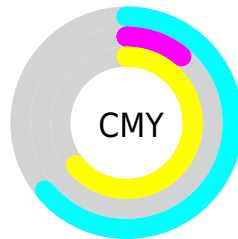


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (11%)



Cyan (64%)

Magenta (11%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284342877 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 4284342877 by changing the saturation by 10% instead.



 4284342877

 4284342877

4294967295

 4282041666

 4288413587

 4278233382

 4290379695

 4278226432

 4292345803

 4278219520

 4294311912

 4278212864

 4278206720

 4278200576

 4278190848

 4278190080

 4284342877

 4284342877

 4282835526

 4285850228

 4281393712

 4287292042

 4279886361

 4288799393

 4278444547

 4290241207

 4278247936

 4291748558

 4293255909

 4294697723

 4294959871

# Harmonies

## Analogous

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



4290695961



4284342877



4278250153

# Triad

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



4284342877



4278245631



4294934426

# Complementary

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



4284342877



4293025250

# 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.



4294934502



4284342877



4287676415

# Square

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



4284342877



4278249215



4294942207



4294941269

# Rectangle

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



4284342877



4278250462



4294942207



4294933427

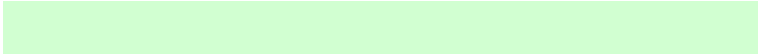


# Sweetspot

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



4284342877



4291952593



4293059165



4284711011



4278190080



4286611584



# Same Dimension

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



4284342877



4283105098



4284342944



4284837989



4278235136



4278202368



# Inverse Universe

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



4293025250



4294920959



4293025184



4285556080



4289724592

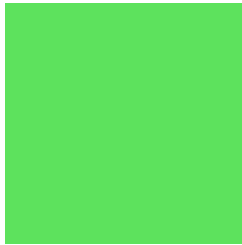


4281335856



# Previews

## White Background



This preview shows how the Android color 4284342877 looks on a white background.

## Color Contrast Check

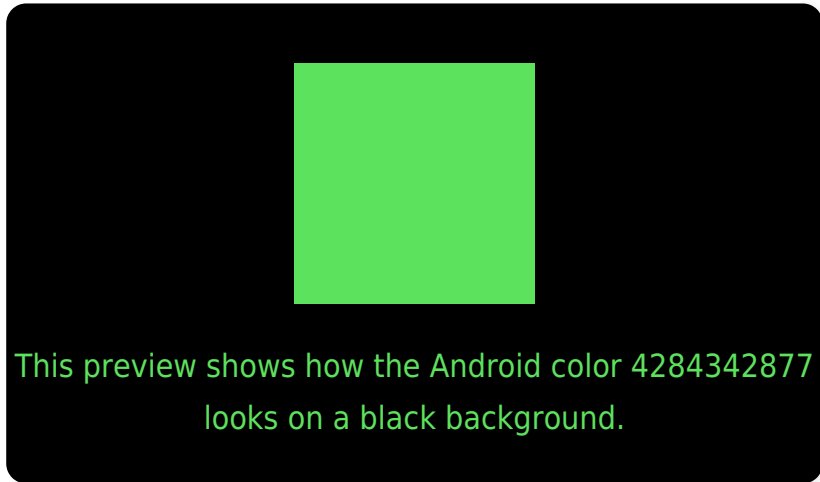
Large Text (above 18pt) WCAG AA × Fail

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 4284342877 Background



This preview shows how black text looks on a background with the Android color 4284342877.



This preview shows how white text looks on a background with the Android color 4284342877.

# 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**

4284342877



**Protanomaly**

4289646680



**Deuteranomaly**

4290562660



**Tritanomaly**

4285651380

# Monochromacy



**Original Color**

4284342877



**Achromatopsia**

4289440683



**Achromatomaly**

4287610767

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284342877 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(93, 226, 93)` looks like.

```
.text, #text, p{  
    color:rgb(93, 226, 93)  
}
```

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(93, 226, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 226, 93) }
```

## Border

The CSS property to change the border of an element to Android 4284342877 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(93, 226, 93) }
```

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

```
.border{ border-color:rgb(93, 226, 93) }
```

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

Here you see how a box with a 4 pixel rgb(93, 226, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 226, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 226, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 226,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4284342877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 226, 93) }
```

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

```
.background{ background-color: rgb(93, 226,  
93) }
```

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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