

# Converting Colors

Android(4283818591)

Have a look what the booklet for  
Android(4283818591) contains.

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# Color

**Android(4283818591)**

# Conversions

Conversions Part 1	
Format	Color
Hex	55E25F
RGB	85, 226, 95
RGB Percent	33%, 89%, 37%
CMY	0.6667, 0.1137, 0.6275
CMYK	0.62, 0.00, 0.58, 0.11
HSL	124°, 71%, 61%
HSV	124°, 62%, 89%
XYZ	33.0082, 57.1502, 20.1179
YIQ	168.9070, -41.9850, -70.6330

# Conversions

## Conversions Part 2

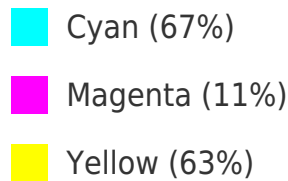
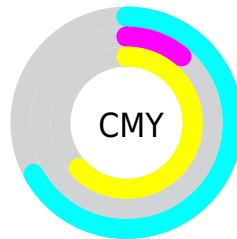
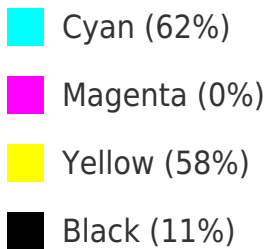
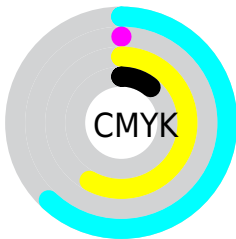
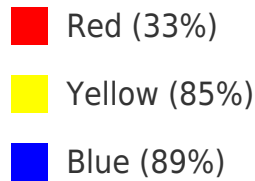
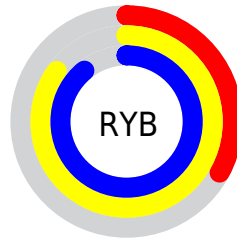
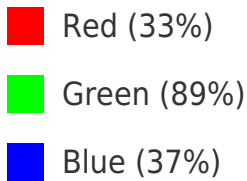
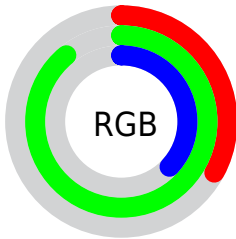
Format	Color
<a href="#">RYB</a>	<a href="#">85, 217, 226</a>
Decimal	<a href="#">5628511</a>
CIELab	<a href="#">80.26, -63.48, 52.06</a>
CIELCh	<a href="#">80, 82.098, 140.645</a>
Yxy	<a href="#">57.1502, 0.2993, 0.5182</a>
Android (android.graphics.Color)	<a href="#">4283818591</a> (0xFF55E25F)
YUV	<a href="#">168.9070, -36.4362, -73.5864</a>
Hunter-Lab	<a href="#">75.5978, -54.3577, 37.1404</a>

# Details

The Android color **4283818591** 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 **4293023192**, and the grayscale version is **4289309097**.

A 20% lighter version of the original color is **4287954837**, and **4278233385** is the 20% darker color. If you saturate the color by 10%, you get **4282311242**, and if you desaturate by 10%, it is **4285325940**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4283818591 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 4283818591 by changing the saturation by 10% instead.



 4283818591

 4283818591

4294967295

 4281320772

 4287954837

 4278233385

 4289920945

 4278226436

 4291952589

 4278219520

 4293918698

 4278212864

 4278206464

 4278200576

 4278190592

 4278190080

 4283818591

 4283818591

 4282311242

 4285325940

 4280869429

 4286767753

 4279362080

 4288275102

 4278247952

 4289716915

 4291224264

 4292731613

 4294173426

 4294959871

# Harmonies

## Analogous

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



4290433817



4283818591



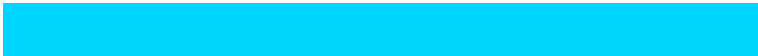
4278249900

# Triad

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



4283818591



4278245375



4294934422

# Complementary

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



4283818591



4293023192

# 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.



4294933987



4283818591



4288069119

# Square

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



4283818591



4278249215



4294941439



4294941521

# Rectangle

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



4283818591



4278250465



4294941439



4294933167

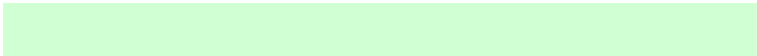


# Sweetspot

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



4283818591



4291821522



4292469333



4284645476



4278190080



4286611584



# Same Dimension

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



4283818591



4282449741



4283818661



4284837990



4278235148



4278202371



# Inverse Universe

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



4293023192



4294918385



4293023122



4285556079



4289724579

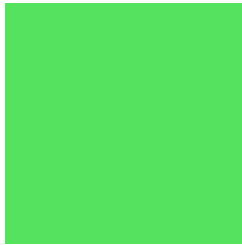


4281335853



# Previews

## White Background



This preview shows how the Android color 4283818591 looks on a white background.

## Color Contrast Check

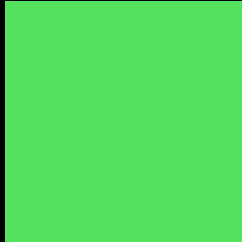
Large Text (above 18pt) WCAG AA × Fail

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 4283818591 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 4283818591 Background



This preview shows how black text looks on a background with the Android color 4283818591.



This preview shows how white text looks on a background with the Android color 4283818591.

# 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**

4283818591

**Protanopia**

4292593238

**Deuteranopia**

4294098026



# Trichromacy

	<b>Original Color</b> 4283818591
	<b>Protanomaly</b> 4289384537
	<b>Deuteranomaly</b> 4290366054
	<b>Tritanomaly</b> 4285258164

# Monochromacy

	<b>Original Color</b> 4283818591
	<b>Achromatopsia</b> 4289309097
	<b>Achromatomaly</b> 4287282830

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283818591 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(85, 226, 95)` looks like.

```
.text, #text, p{  
    color:rgb(85, 226, 95)  
}
```

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(85, 226, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 226, 95) }
```

## Border

The CSS property to change the border of an element to Android 4283818591 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(85, 226, 95) }
```

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

```
.border{ border-color:rgb(85, 226, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 226, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 226, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 226, 95);  
box-shadow:4px 4px 4px 4px rgb(85, 226,  
95) }
```

# Background

The CSS property to change the background color of an element to Android 4283818591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 226, 95) }
```

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

```
.background{ background-color: rgb(85, 226,  
95) }
```

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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