

# Converting Colors

Android(4283354190)

Have a look what the booklet for  
Android(4283354190) contains.

<b>Android(4283354190)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4283354190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ECC4E
RGB	78, 204, 78
RGB Percent	31%, 80%, 31%
CMY	0.6941, 0.2000, 0.6941
CMYK	0.62, 0.00, 0.62, 0.20
HSL	120°, 55%, 55%
HSV	120°, 62%, 80%
XYZ	26.1099, 45.3555, 14.5861
YIQ	151.9620, -34.6500, -65.8980

# Conversions

## Conversions Part 2

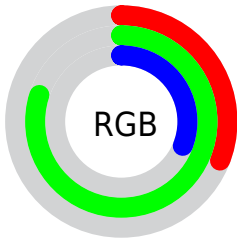
Format	Color
<a href="#">RYB</a>	<a href="#">78, 204, 204</a>
Decimal	<a href="#">5164110</a>
CIELab	<a href="#">73.13, -59.13, 51.33</a>
CIElCh	<a href="#">73, 78.301, 139.039</a>
Yxy	<a href="#">45.3555, 0.3034, 0.5271</a>
Android (android.graphics.Color)	<a href="#">4283354190 (0xFF4ECC4E)</a>
YUV	<a href="#">151.9620, -36.4633, -64.8647</a>
Hunter-Lab	<a href="#">67.3465, -48.6528, 34.3014</a>

# Details

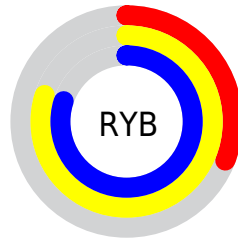
The Android color `4283354190` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted green. A complement of this color would be `4291579596`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4287364995`, and `4278228245` is the 20% darker color. If you saturate the color by 10%, you get `4282043450`, and if you desaturate by 10%, it is `4284664930`.

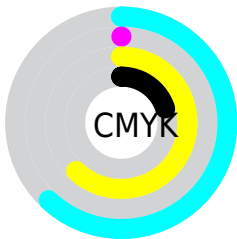
# Distribution



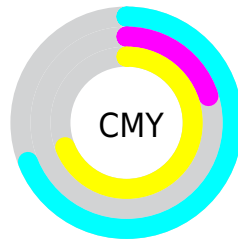
- Red (31%)
- Green (80%)
- Blue (31%)



- Red (31%)
- Yellow (80%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283354190 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 4283354190 by changing the saturation by 10% instead.



 4283354190

 4283354190

4294967295

 4280922163

 4287364995

 4278228245

 4289331103

 4278221312

 4291297210

 4278214656

 4293263319

 4278208256

 4294967284

 4278202368

 4278194944

 4278190080

 4283354190

 4283354190

 4282043450

 4284664930

 4280667173

 4286041207


 4279356433

 4287351947

 4278242304

 4288728224

 4290038964

 4291349704

 4292725981

 4294036721

 4294954239

# Harmonies

## Analogous

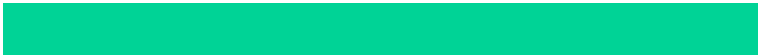
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289445376



4283354190



4278244246

# Triad

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



4283354190



4278240511



4294929801

# Complementary

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



4283354190



4291579596

# Split Complementary

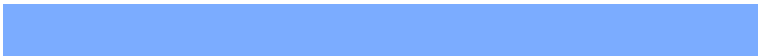
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294930129



4283354190



4286295295

# Square

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



4283354190



4278243583



4293889023



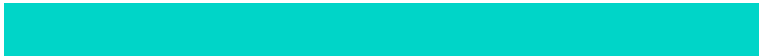
4294936648

# Rectangle

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



4283354190



4278244808



4293889023



4294928801

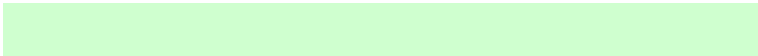


# Sweetspot

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



4283354190



4291821519



4291611726



4284645474



4278190080



4286611584



# Same Dimension

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



4283354190



4282580802



4283354253



4284245596



4278232576



4278199808



# Inverse Universe

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



4291579596



4294918911



4291579533



4284898406



4289069222

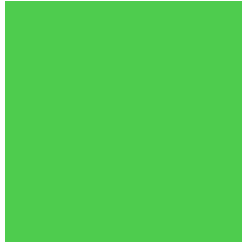


4280680486



# Previews

## White Background



This preview shows how the Android color 4283354190 looks on a white background.

## Color Contrast Check

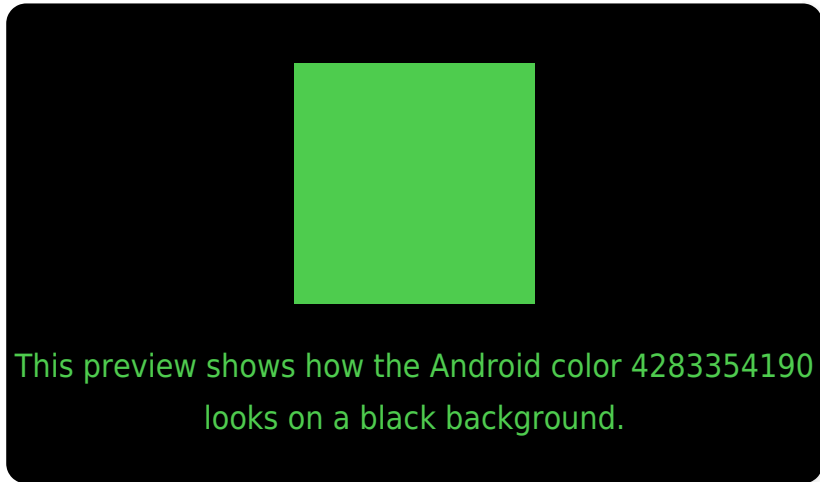
Large Text (above 18pt) WCAG AA × Fail

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

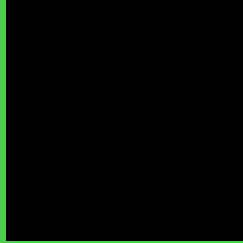
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283354190 Background



This preview shows how black text looks on a background with the Android color 4283354190.



This preview shows how white text looks on a background with the Android color 4283354190.

# 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**

4283354190



**Protanomaly**

4288396106



**Deuteranomaly**

4289246804



**Tritanomaly**

4284662944

# Monochromacy



**Original Color**

4283354190



**Achromatopsia**

4288190616



**Achromatomaly**

4286425981

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283354190 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(78, 204, 78)` looks like.

```
.text, #text, p{  
    color:rgb(78, 204, 78)  
}
```

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(78, 204, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 204, 78) }
```

## Border

The CSS property to change the border of an element to Android 4283354190 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(78, 204, 78) }
```

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

```
.border{ border-color:rgb(78, 204, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 204, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 204, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 204, 78);  
box-shadow:4px 4px 4px 4px rgb(78, 204,  
78) }
```

# Background

The CSS property to change the background color of an element to Android 4283354190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 204, 78) }
```

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

```
.background{ background-color: rgb(78, 204,  
78) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor