

# Converting Colors

Android(4285715550)

Have a look what the booklet for  
Android(4285715550) contains.

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# **Color**

**Android(4285715550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72D45E
RGB	114, 212, 94
RGB Percent	45%, 83%, 37%
CMY	0.5529, 0.1686, 0.6314
CMYK	0.46, 0.00, 0.56, 0.17
HSL	110°, 58%, 60%
HSV	110°, 56%, 83%
XYZ	32.5033, 51.4725, 18.8118
YIQ	169.2460, -20.5300, -57.4740

# Conversions

## Conversions Part 2

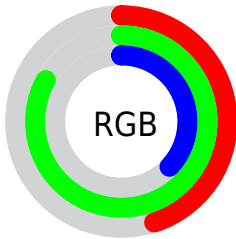
Format	Color
<a href="#">RYB</a>	<a href="#">94, 212, 192</a>
Decimal	<a href="#">7525470</a>
CIELab	<a href="#">76.96, -51.06, 48.89</a>
CIELCh	<a href="#">77, 70.692, 136.242</a>
Yxy	<a href="#">51.4725, 0.3162, 0.5008</a>
Android (android.graphics.Color)	<a href="#">4285715550 (0xFF72D45E)</a>
YUV	<a href="#">169.2460, -37.0963, -48.4507</a>
Hunter-Lab	<a href="#">71.7444, -44.6844, 34.6749</a>

# Details

The Android color `4285715550` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted chartreuse. A complement of this color would be `4290797268`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4289527699`, and `4281769001` is the 20% darker color. If you saturate the color by 10%, you get `4284535881`, and if you desaturate by 10%, it is `4286895219`.

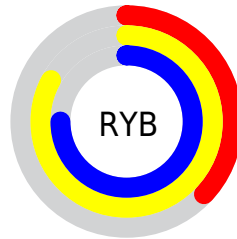
# Distribution



Red (45%)

Green (83%)

Blue (37%)



Red (37%)

Yellow (83%)

Blue (75%)

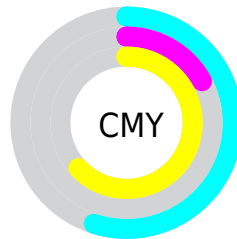


Cyan (46%)

Magenta (0%)

Yellow (56%)

Black (17%)



Cyan (55%)

Magenta (17%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285715550 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 4285715550 by changing the saturation by 10% instead.



 4285715550

 4285715550

4294967295

 4283807812

 4289527699

 4281769001

 4291428271

 4278944264

 4293328843

 4278216704

 4294967272

 4278210304

 4278204160

 4278198272

 4278190080

 4285715550

 4285715550

 4284535881


 4286895219

 4283421748

 4288009352

 4282242078

 4289189022

 4281127945

 4290303155

 4280603648

 4291482824

 4292662493

 4293776626

 4294956287

# Harmonies

## Analogous

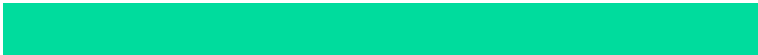
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290692658



4285715550



4278246557

# Triad

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



4285715550



4278243071



4294935197

# Complementary

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



4285715550



4290797268

# 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.



4294936031



4285715550



4286953983

# Square

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



4285715550



4278246143



4293893631



4294940258

# Rectangle

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



4285715550



4278246858



4293893631



4294934707

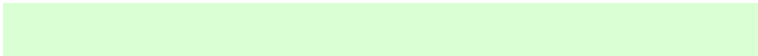


# Sweetspot

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



4285715550



4292607956



4292132446



4285169766



4278190080



4286611584



# Same Dimension

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



4285715550



4285661012



4284404867



4284640096



4280134400



4278659840



# Inverse Universe

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



4290797268



4293022975



4292107951



4285096043



4287496363



4280549419



# Previews

## White Background



This preview shows how the Android color 4285715550 looks on a white background.

## Color Contrast Check

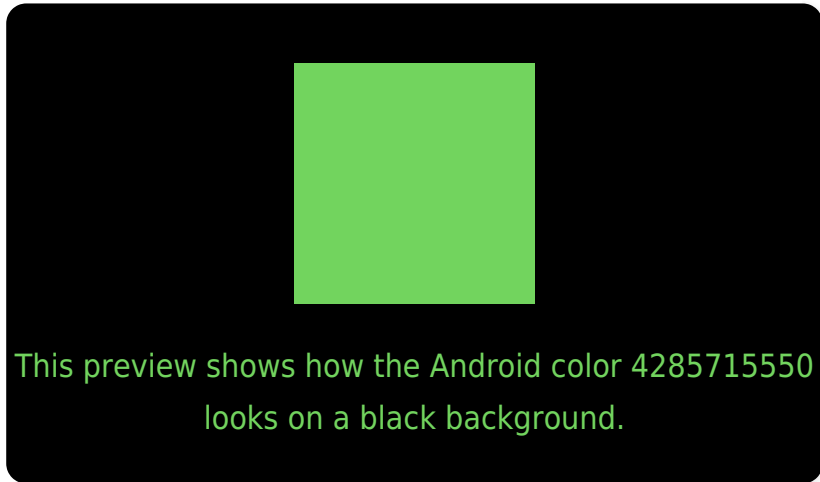
Large Text (above 18pt) WCAG AA × Fail

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

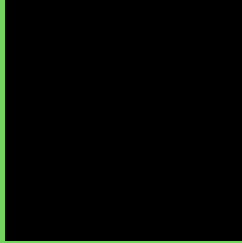
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285715550 Background



This preview shows how black text looks on a background with the Android color 4285715550.



This preview shows how white text looks on a background with the Android color 4285715550.

# 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



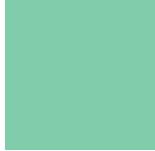
**Original Color**  
4285715550



**Protanomaly**  
4289643866



**Deuteranomaly**  
4290560100



**Tritanomaly**  
4286696619

# Monochromacy



**Original Color**  
4285715550



**Achromatopsia**  
4289309097



**Achromatomaly**  
4288002446

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285715550 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(114, 212, 94)` looks like.

```
.text, #text, p{  
    color:rgb(114, 212, 94)  
}
```

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(114, 212, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 212, 94) }
```

## Border

The CSS property to change the border of an element to Android 4285715550 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(114, 212, 94) }
```

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

```
.border{ border-color:rgb(114, 212, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 212, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 212, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 212, 94);  
box-shadow:4px 4px 4px 4px rgb(114, 212,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4285715550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 212, 94) }
```

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

```
.background{ background-color: rgb(114,  
212, 94) }
```

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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