

# Converting Colors

Android(4286439195)

Have a look what the booklet for  
Android(4286439195) contains.

<b>Android(4286439195)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4286439195)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DDF1B
RGB	125, 223, 27
RGB Percent	49%, 87%, 11%
CMY	0.5098, 0.1255, 0.8941
CMYK	0.44, 0.00, 0.88, 0.13
HSL	90°, 78%, 49%
HSV	90°, 88%, 87%
XYZ	35.0430, 57.2145, 10.2335
YIQ	171.3540, 4.5080, -81.7320

# Conversions

## Conversions Part 2

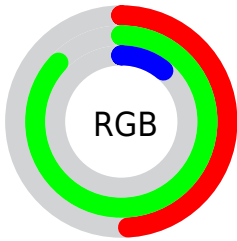
Format	Color
R <sub>Y</sub> B	27, 223, 125
Decimal	8249115
CIE Lab	80.30, -56.56, 75.10
CIE LCh	80, 94.017, 126.982
Yxy	57.2145, 0.3419, 0.5582
Android (android.graphics.Color)	4286439195 (0xFF7DDF1B)
YUV	171.3540, -71.1665, -40.6525
Hunter-Lab	75.6402, -49.6741, 44.9268

# Details

The Android color **4286439195** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4286389215**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4290379615**, and **4282296064** is the 20% darker color. If you saturate the color by 10%, you get **4285718277**, and if you desaturate by 10%, it is **4287160113**.

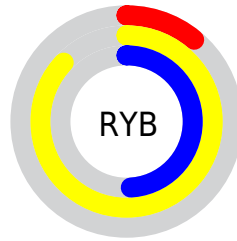
# Distribution



Red (49%)

Green (87%)

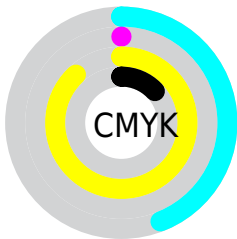
Blue (11%)



Red (11%)

Yellow (87%)

Blue (49%)

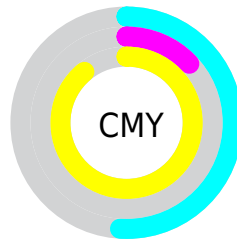


Cyan (44%)

Magenta (0%)

Yellow (88%)

Black (13%)



Cyan (51%)

Magenta (13%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286439195 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 4286439195 by changing the saturation by 10% instead.





4286439195



4286439195

4294967295



4284400384



4290379615



4282296064



4292345725



4279340032



4294311833



4278219264



4294967222



4278212608



4294967252



4278206208



4294967282



4278200576



4278190592



4278190080

■ 4286439195

■ 4286439195

■ 4285718277

■ 4287160113

■ 4285587200

■ 4287881032

■ 4288601950

■ 4289388404

■ 4290109323

■ 4290830241

■ 4291551159

■ 4292272077

■ 4292992996

# Harmonies

## Analogous

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



4292659712



4286439195



4278250110

# Triad

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



4286439195



4278248447



4294927286

# Complementary

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



4286439195



4286389215

# 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.



4294932991



4286439195



4278242303

# Square

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



4286439195



4278251007



4292978431



4294934370

# Rectangle

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



4286439195



4278251195



4292978431



4294927828

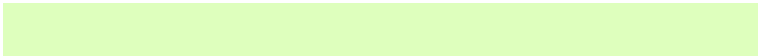


# Sweetspot

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



4286439195



4292804541



4292836635



4285300824



4278190080



4286611584



# Same Dimension

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



4286439195



4286643968



4280016667



4285231205



4284002304



4279775232



# Inverse Universe

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



4286389215



4286578943



4292811743



4285228400



4283957424

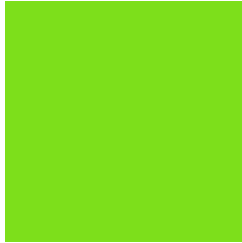


4279762992



# Previews

## White Background



This preview shows how the Android color 4286439195 looks on a white background.

## Color Contrast Check

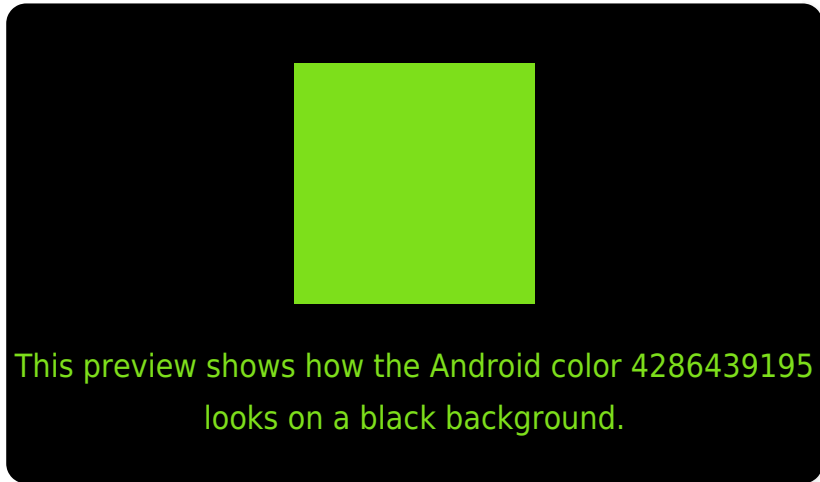
Large Text (above 18pt) WCAG AA × Fail

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 4286439195 Background



This preview shows how black text looks on a background with the Android color 4286439195.



This preview shows how white text looks on a background with the Android color 4286439195.

# 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





**Tritanopia**  
4288204768

# Trichromacy



**Original Color**  
4286439195



**Protanomaly**  
4290498325



**Deuteranomaly**  
4291610922

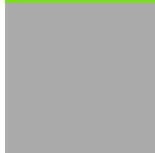


**Tritanomaly**  
4287550872

# Monochromacy



**Original Color**  
4286439195



**Achromatopsia**  
4289440683



**Achromatomaly**  
4288331383

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286439195 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(125, 223, 27)` looks like.

```
.text, #text, p{  
    color:rgb(125, 223, 27)  
}
```

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(125, 223, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 223, 27) }
```

## Border

The CSS property to change the border of an element to Android 4286439195 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(125, 223, 27) }
```

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

```
.border{ border-color:rgb(125, 223, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 223, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 223, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 223, 27);  
box-shadow:4px 4px 4px 4px rgb(125, 223,  
27) }
```

# Background

The CSS property to change the background color of an element to Android 4286439195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 223, 27) }
```

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

```
.background{ background-color: rgb(125,  
223, 27) }
```

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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