

# Converting Colors

Android(4286439787)

Have a look what the booklet for  
Android(4286439787) contains.

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# **Color**

**Android(4286439787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE16B
RGB	125, 225, 107
RGB Percent	49%, 88%, 42%
CMY	0.5098, 0.1176, 0.5804
CMYK	0.44, 0.00, 0.52, 0.12
HSL	111°, 66%, 65%
HSV	111°, 52%, 88%
XYZ	38.0365, 59.2719, 23.3458
YIQ	181.6480, -21.7220, -57.8980

# Conversions

## Conversions Part 2

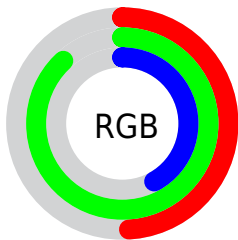
Format	Color
<a href="#">RYB</a>	<a href="#">107, 225, 207</a>
Decimal	<a href="#">8249707</a>
CIELab	<a href="#">81.44, -51.54, 48.30</a>
CIElCh	<a href="#">81, 70.635, 136.863</a>
Yxy	<a href="#">59.2719, 0.3153, 0.4913</a>
Android (android.graphics.Color)	<a href="#">4286439787 (0xFF7DE16B)</a>
YUV	<a href="#">181.6480, -36.8015, -49.6803</a>
Hunter-Lab	<a href="#">76.9883, -46.5405, 35.9128</a>

# Details

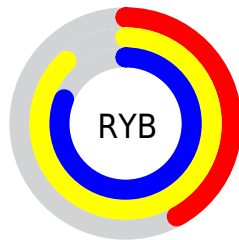
The Android color `4286439787` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4291783649`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4290248609`, and `4282558775` is the 20% darker color. If you saturate the color by 10%, you get `4285194581`, and if you desaturate by 10%, it is `4287684994`.

# Distribution



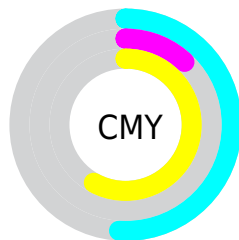
- Red (49%)
- Green (88%)
- Blue (42%)



- Red (42%)
- Yellow (88%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (52%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286439787 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 4286439787 by changing the saturation by 10% instead.





4286439787



4286439787

4294967295



4284532049



4290248609



4282558775



4292149181



4280258075



4294115289



4278219520



4294967286



4278213120



4278206720



4278201344



4278192640



4278190080

 4286439787

 4286439787

 4285194581

 4287684994

 4283949374

 4288930200

 4282704168

 4290175407

 4281458961

 4291420613

 4280475904

 4292665820

 4293911026

 4294959615

# Harmonies

## Analogous

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



4291482176



4286439787



4278249898

# Triad

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



4286439787



4278246143



4294938536

# Complementary

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



4286439787



4291783649

# 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.



4294939370



4286439787



4288136703

# Square

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



4286439787



4278249215



4294814207



4294943596

# Rectangle

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



4286439787



4278250456



4294814207



4294938046

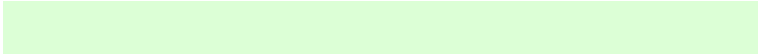


# Sweetspot

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



4286439787



4292673494



4292988267



4285235303



4278190080



4286611584



# Same Dimension

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



4286439787



4286054238



4285260178



4284969061



4280004608



4278661120



# Inverse Universe

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



4291783649



4293287679



4292963258



4285425008



4287955120



4280877104



# Previews

## White Background



This preview shows how the Android color 4286439787 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 4286439787 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

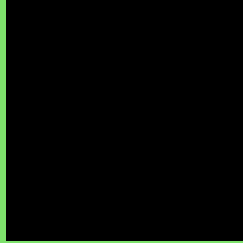
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286439787 Background



This preview shows how black text looks on a background with the Android color 4286439787.



This preview shows how white text looks on a background with the Android color 4286439787.

# 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**  
4286439787

**Protanopia**  
4292790627

**Deuteranopia**  
4294295668



# Trichromacy



**Original Color**

4286439787



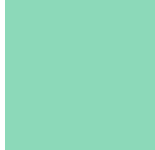
**Protanomaly**

4290499174



**Deuteranomaly**

4291415153



**Tritanomaly**

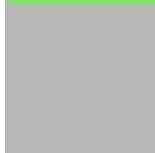
4287420857

# Monochromacy



**Original Color**

4286439787



**Achromatopsia**

4290164406



**Achromatomaly**

4288792219

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286439787 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, 225, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 225, 107)  
}
```

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, 225, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 225, 107) }
```

## Border

The CSS property to change the border of an element to Android 4286439787 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, 225, 107) }
```

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

```
.border{ border-color:rgb(125, 225, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 225, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 225, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 225, 107);  
box-shadow:4px 4px 4px 4px rgb(125, 225,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4286439787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 225, 107) }
```

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

```
.background{ background-color: rgb(125,  
225, 107) }
```

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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