

# Converting Colors

Android(4287026525)

Have a look what the booklet for  
Android(4287026525) contains.

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# **Color**

**Android(4287026525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86D55D
RGB	134, 213, 93
RGB Percent	53%, 84%, 36%
CMY	0.4745, 0.1647, 0.6353
CMYK	0.37, 0.00, 0.56, 0.16
HSL	100°, 59%, 60%
HSV	100°, 56%, 84%
XYZ	35.6015, 53.4471, 18.7959
YIQ	175.6990, -8.5640, -54.0680

# Conversions

## Conversions Part 2

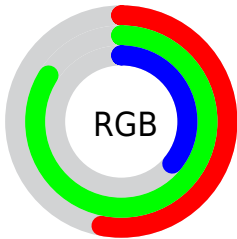
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 213, 172
Decimal	8836445
CIELab	78.14, -45.34, 50.95
CIELCh	78, 68.204, 131.670
Yxy	53.4471, 0.3301, 0.4956
Android (android.graphics.Color)	4287026525 (0xFF86D55D)
YUV	175.6990, -40.7706, -36.5700
Hunter-Lab	73.1076, -41.0132, 35.9319

# Details

The Android color `4287026525` 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 `4289486293`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4290772883`, and `4283342376` is the 20% darker color. If you saturate the color by 10%, you get `4286109000`, and if you desaturate by 10%, it is `4287944050`.

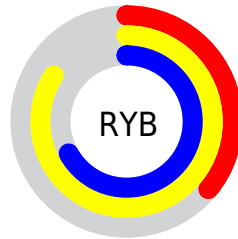
# Distribution



Red (53%)

Green (84%)

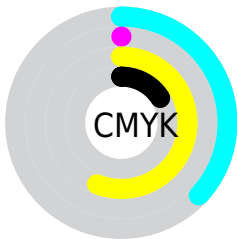
Blue (36%)



Red (36%)

Yellow (84%)

Blue (67%)

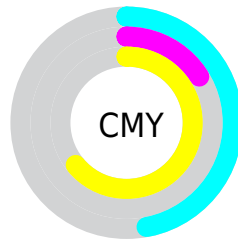


Cyan (37%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (47%)

Magenta (16%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287026525 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 4287026525 by changing the saturation by 10% instead.





4287026525



4287026525

4294967295



4285184323



4290772883



4283342376



4292673454



4281369348



4294639562



4278741248



4294967271



4278210560



4278204416



4278199040



4278190080



4287026525



4287026525

 4286109000

 4287944050

 4285191474

 4288861576


 4284273949

 4289779101

 4283356424

 4290696626

 4283028736

 4291614152

 4292531677

 4293449202

 4294366719

 4294956543

# Harmonies

## Analogous

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



4291610170



4287026525



4278246807

# Triad

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



4287026525



4278244351



4294936491

# Complementary

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



4287026525



4289486293

# 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.



4294938347



4287026525



4285972735

# Square

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



4287026525



4278246911



4293240575



4294940528

# Rectangle

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



4287026525



4278247619



4293240575



4294936512

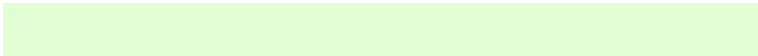


# Sweetspot

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



4287026525



4293066708



4292193117



4285497446



4278190080



4286611584



# Same Dimension

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



4287026525



4287496018



4284339567



4284771168



4282034944



4279184128



# Inverse Universe

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



4289486293



4291056383



4292173251



4284964971



4285530283



4280090667



# Previews

## White Background



This preview shows how the Android color 4287026525 looks on a white background.

## Color Contrast Check

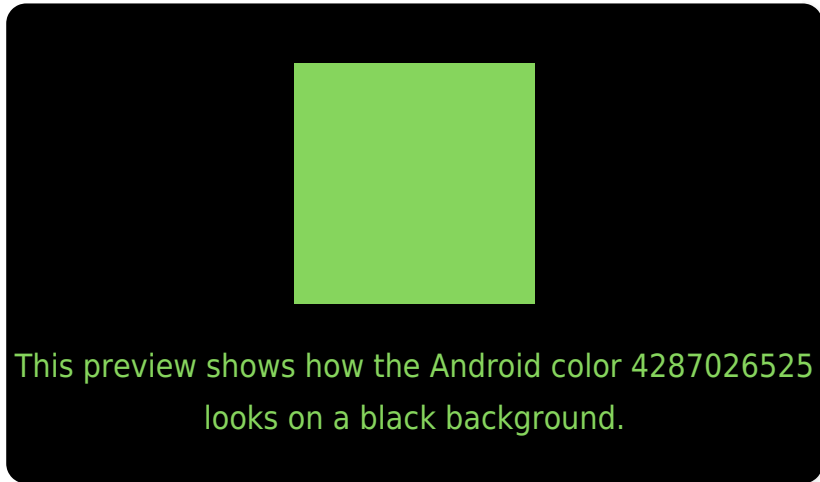
Large Text (above 18pt) WCAG AA × Fail

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 4287026525 Background



This preview shows how black text looks on a background with the Android color 4287026525.



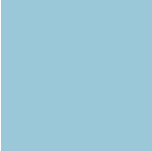
This preview shows how white text looks on a background with the Android color 4287026525.

# 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**  
4288334040

# Trichromacy



**Original Color**  
4287026525



**Protanomaly**  
4290299993



**Deuteranomaly**  
4291281506

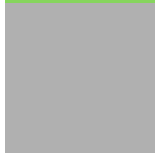


**Tritanomaly**  
4287876523

# Monochromacy



**Original Color**  
4287026525



**Achromatopsia**  
4289769648



**Achromatomaly**  
4288789906

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287026525 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(134, 213, 93)` looks like.

```
.text, #text, p{  
    color:rgb(134, 213, 93)  
}
```

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(134, 213, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 213, 93) }
```

## Border

The CSS property to change the border of an element to Android 4287026525 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(134, 213, 93) }
```

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

```
.border{ border-color:rgb(134, 213, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 213, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 213, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 213, 93);  
box-shadow:4px 4px 4px 4px rgb(134, 213,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4287026525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 213, 93) }
```

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

```
.background{ background-color: rgb(134,  
213, 93) }
```

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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