

# Converting Colors

Android(4286763322)

Have a look what the booklet for  
Android(4286763322) contains.

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# **Color**

**Android(4286763322)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82D13A
RGB	130, 209, 58
RGB Percent	51%, 82%, 23%
CMY	0.4902, 0.1804, 0.7725
CMYK	0.38, 0.00, 0.72, 0.18
HSL	91°, 62%, 52%
HSV	91°, 72%, 82%
XYZ	32.7701, 50.6522, 12.0527
YIQ	168.1650, 1.3870, -63.7090

# Conversions

## Conversions Part 2

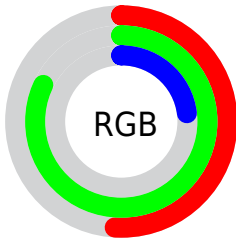
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 209, 137
Decimal	8573242
CIELab	76.47, -47.96, 63.40
CIELCh	76, 79.498, 127.110
Yxy	50.6522, 0.3432, 0.5305
Android (android.graphics.Color)	4286763322 (0xFF82D13A)
YUV	168.1650, -54.3113, -33.4707
Hunter-Lab	71.1704, -42.3586, 39.7785

# Details

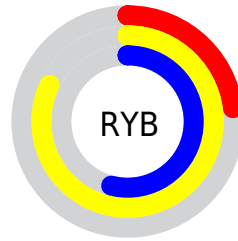
The Android color `4286763322` is a dark color, and the websafe version is hex `66CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4287183569`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4290576242`, and `4282948096` is the 20% darker color. If you saturate the color by 10%, you get `4286042405`, and if you desaturate by 10%, it is `4287484239`.

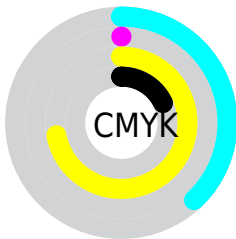
# Distribution



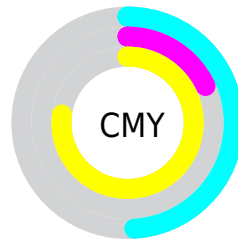
- Red (51%)
- Green (82%)
- Blue (23%)



- Red (23%)
- Yellow (82%)
- Blue (54%)



- Cyan (38%)
- Magenta (0%)
- Yellow (72%)
- Black (18%)



- Cyan (49%)
- Magenta (18%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286763322 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 4286763322 by changing the saturation by 10% instead.





4286763322



4286763322

4294967295



4284855576



4290576242



4282948096



4292476814



4280844032



4294442922



4278216192



4294967239



4278209792



4294967268



4278203648



4278198016



4278190080



4286763322



4286763322

■ 4286042405

■ 4287484239

■ 4285321488

■ 4288205156

■ 4284797184

■ 4288926073

■ 4289646990

■ 4290367907

■ 4291088823

■ 4291809740

■ 4292465121

■ 4293186038

# Harmonies

## Analogous

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



4291870464



4286763322



4278246272

# Triad

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



4286763322



4278244607



4294931118

# Complementary

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



4286763322



4287183569

# 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.



4294934775



4286763322



4278239487

# Square

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



4286763322



4278246911



4292190719



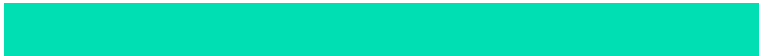
4294935656

# Rectangle

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



4286763322



4278247091



4292190719



4294931399

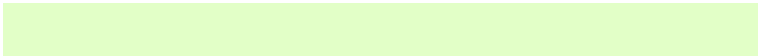


# Sweetspot

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



4286763322



4293066695



4291921978



4285431902



4278190080



4286611584



# Same Dimension

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



4286763322



4287364897



4282044733



4284705118



4283475968



4279445760



# Inverse Universe

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



4287183569



4287963647



4291902158



4284767849



4283957416



4279566377



# Previews

## White Background



This preview shows how the Android color 4286763322 looks on a white background.

## Color Contrast Check

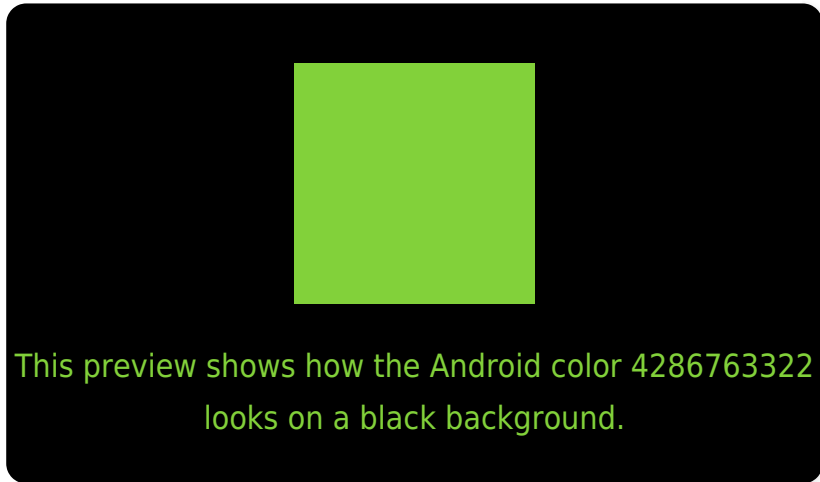
Large Text (above 18pt) WCAG AA × Fail

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 4286763322 Background



This preview shows how black text looks on a background with the Android color 4286763322.

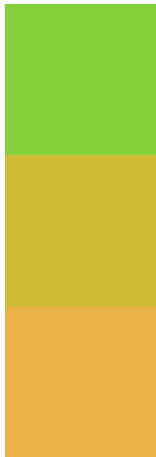


This preview shows how white text looks on a background with the Android color 4286763322.

# 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**  
4286763322

**Protanopia**  
4292066357

**Deuteranopia**  
4293571142



# Trichromacy



**Original Color**  
4286763322



**Protanomaly**  
4290167863



**Deuteranomaly**  
4291083586



**Tritanomaly**  
4287678619

# Monochromacy



**Original Color**  
4286763322



**Achromatopsia**  
4289243304



**Achromatomaly**  
4288329600

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286763322 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(130, 209, 58)` looks like.

```
.text, #text, p{  
    color:rgb(130, 209, 58)  
}
```

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(130, 209, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 209, 58) }
```

## Border

The CSS property to change the border of an element to Android 4286763322 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(130, 209, 58) }
```

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

```
.border{ border-color:rgb(130, 209, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 209, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 209, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 209, 58);  
box-shadow:4px 4px 4px 4px rgb(130, 209,  
58) }
```

# Background

The CSS property to change the background color of an element to Android 4286763322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 209, 58) }
```

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

```
.background{ background-color: rgb(130,  
209, 58) }
```

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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