

# Converting Colors

Android(4286176622)

Have a look what the booklet for  
Android(4286176622) contains.

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# **Color**

**Android(4286176622)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DD6E
RGB	121, 221, 110
RGB Percent	47%, 87%, 43%
CMY	0.5255, 0.1333, 0.5686
CMYK	0.45, 0.00, 0.50, 0.13
HSL	114°, 62%, 65%
HSV	114°, 50%, 87%
XYZ	36.5561, 56.9036, 23.8086
YIQ	178.4460, -23.9690, -55.7210

# Conversions

## Conversions Part 2

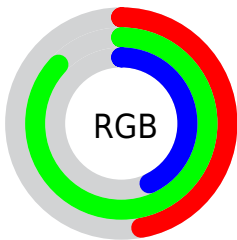
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 221, 210
Decimal	7986542
CIELab	80.13, -50.72, 45.24
CIELCh	80, 67.964, 138.265
Yxy	56.9036, 0.3117, 0.4852
Android (android.graphics.Color)	4286176622 (0xFF79DD6E)
YUV	178.4460, -33.7439, -50.3801
Hunter-Lab	75.4345, -45.5080, 34.0910

# Details

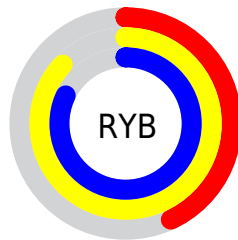
The Android color `4286176622` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4291981021`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4289920932`, and `4282295610` is the 20% darker color. If you saturate the color by 10%, you get `4284865880`, and if you desaturate by 10%, it is `4287487364`.

# Distribution



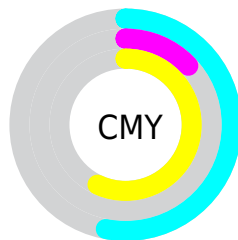
- Red (47%)
- Green (87%)
- Blue (43%)



- Red (43%)
- Yellow (87%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286176622 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 4286176622 by changing the saturation by 10% instead.





4286176622



4286176622

4294967295



4284268884



4289920932



4282295610



4291887039



4279929376



4293787612



4278218752



4294967289



4278212352



4278205952



4278200320



4278190336



4278190080

 4286176622

 4286176622

 4284865880

 4287487364

 4283555138

 4288798106

 4282244396

 4290108848

 4280933654

 4291419590

 4279688448

 4292730333

 4293975539

 4294958591

# Harmonies

## Analogous

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



4291088197



4286176622



4278248619

# Triad

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



4286176622



4278244863



4294938531

# Complementary

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



4286176622



4291981021

# 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.



4294938850



4286176622



4288463103

# Square

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



4286176622



4278247935



4294682367



4294943338

# Rectangle

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



4286176622



4278249175



4294682367



4294938040

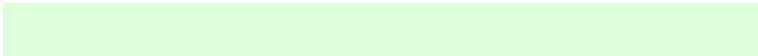


# Sweetspot

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



4286176622



4292739033



4292727406



4285235305



4278190080



4286611584



# Same Dimension

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



4286176622



4285923174



4285455770



4284771939



4279348480



4278529536



# Inverse Universe

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



4291981021



4293945087



4292701873



4285358958



4288413869



4280877102



# Previews

## White Background



This preview shows how the Android color 4286176622 looks on a white background.

## Color Contrast Check

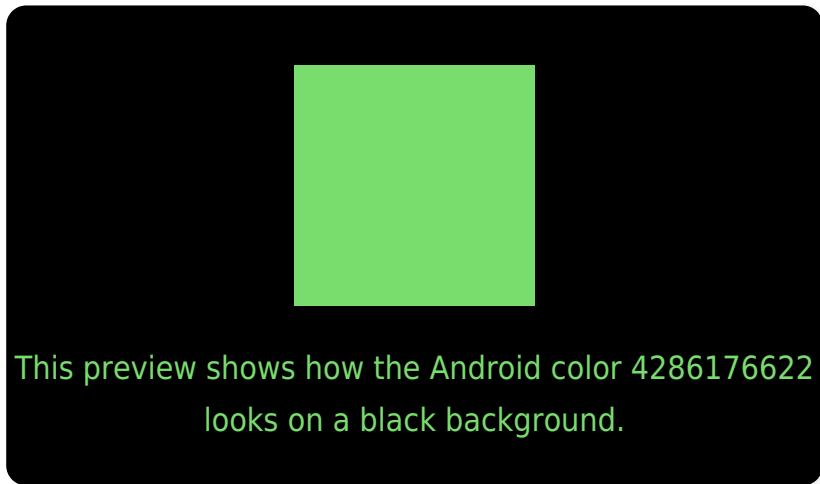
Large Text (above 18pt) WCAG AA × Fail

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 4286176622 Background



This preview shows how black text looks on a background with the Android color 4286176622.



This preview shows how white text looks on a background with the Android color 4286176622.

# 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**

4286176622



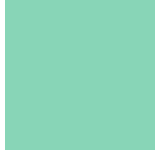
**Protanomaly**

4290236009



**Deuteranomaly**

4291151987



**Tritanomaly**

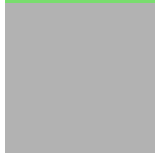
4287157687

# Monochromacy



**Original Color**

4286176622



**Achromatopsia**

4289901234



**Achromatomaly**

4288529049

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286176622 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(121, 221, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 221, 110)  
}
```

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(121, 221, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 221, 110) }
```

## Border

The CSS property to change the border of an element to Android 4286176622 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(121, 221, 110) }
```

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

```
.border{ border-color:rgb(121, 221, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 221, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 221, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 221, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 221,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4286176622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 221, 110) }
```

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

```
.background{ background-color: rgb(121,  
221, 110) }
```

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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