

# Converting Colors

Android(4286832779)

Have a look what the booklet for  
Android(4286832779) contains.

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# **Color**

**Android(4286832779)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E08B
RGB	131, 224, 139
RGB Percent	51%, 88%, 55%
CMY	0.4863, 0.1216, 0.4549
CMYK	0.42, 0.00, 0.38, 0.12
HSL	125°, 60%, 70%
HSV	125°, 42%, 88%
XYZ	40.6759, 60.0007, 33.8635
YIQ	186.5030, -28.1430, -46.1510

# Conversions

## Conversions Part 2

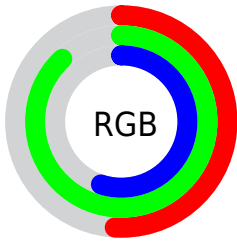
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 217, 224
Decimal	8642699
CIELab	81.84, -44.92, 33.18
CIELCh	82, 55.851, 143.549
Yxy	60.0007, 0.3023, 0.4460
Android (android.graphics.Color)	4286832779 (0xFF83E08B)
YUV	186.5030, -23.4190, -48.6761
Hunter-Lab	77.4601, -41.8211, 28.3020

# Details

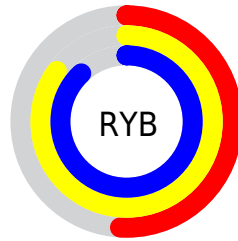
The Android color `4286832779` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4292903896`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4290576321`, and `4283148376` is the 20% darker color. If you saturate the color by 10%, you get `4285390967`, and if you desaturate by 10%, it is `4288274591`.

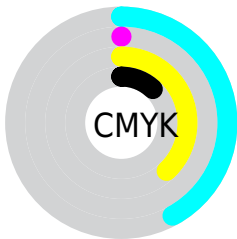
# Distribution



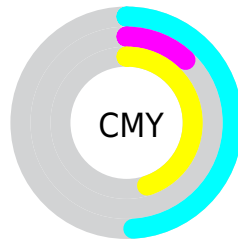
- Red (51%)
- Green (88%)
- Blue (55%)



- Red (51%)
- Yellow (85%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286832779 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 4286832779 by changing the saturation by 10% instead.



 4286832779

 4286832779

4294967295

 4284990577

 4290576321

 4283148376

 4292476893

 4281175359

 4294377466

 4278219559

 4278213135

 4278206720

 4278201088

 4278193152

 4278190080

 4286832779

 4286832779

 4285390967

 4288274591

 4283883618

 4289781940

 4282441806

 4291223752

 4280934457

 4292731101

 4279492645

 4294172913

 4278247443

 4294959359

# Harmonies

## Analogous

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



4290958696



4286832779



4278249150

# Triad

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



4286832779



4283487487



4294943652

# Complementary

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



4286832779



4292903896

# 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.



4294943193



4286832779



4290691839

# Square

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



4286832779



4278247679



4294946559



4294947449

# Rectangle

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



4286832779



4278249186



4294946559



4294942902

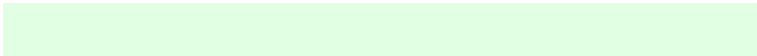


# Sweetspot

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



4286832779



4292935651



4292403331



4285431919



4278190080



4286611584



# Same Dimension

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



4286832779



4286644106



4286832825



4284837990



4278235151



4278202372



# Inverse Universe

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



4292903896



4294934772



4292903850



4285556079



4289724577



4281335852



# Previews

## White Background



This preview shows how the Android color 4286832779 looks on a white background.

## Color Contrast Check

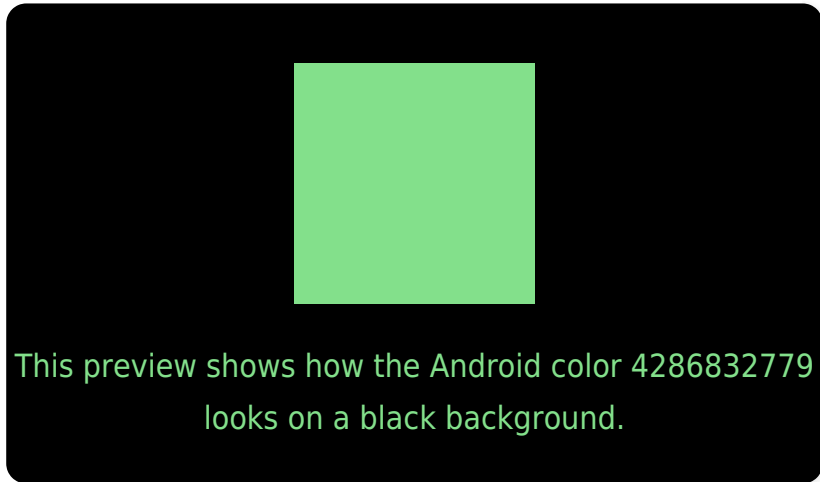
Large Text (above 18pt) WCAG AA × Fail

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 4286832779 Background



This preview shows how black text looks on a background with the Android color 4286832779.



This preview shows how white text looks on a background with the Android color 4286832779.

# 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**

4286832779



**Protanomaly**

4290564741



**Deuteranomaly**

4291349903



**Tritanomaly**

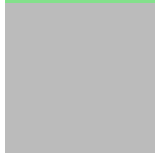
4287617477

# Monochromacy



**Original Color**

4286832779



**Achromatopsia**

4290493371



**Achromatomaly**

4289185962

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286832779 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(131, 224, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 224, 139)  
}
```

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(131, 224, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 224, 139) }
```

## Border

The CSS property to change the border of an element to Android 4286832779 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(131, 224, 139) }
```

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

```
.border{ border-color:rgb(131, 224, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 224, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 224, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 224, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 224,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4286832779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 224, 139) }
```

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

```
.background{ background-color: rgb(131,  
224, 139) }
```

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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