

# Converting Colors

Android(4286430836)

Have a look what the booklet for  
Android(4286430836) contains.

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# **Color**

**Android(4286430836)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBE74
RGB	125, 190, 116
RGB Percent	49%, 75%, 45%
CMY	0.5098, 0.2549, 0.5451
CMYK	0.34, 0.00, 0.39, 0.25
HSL	113°, 36%, 60%
HSV	113°, 39%, 75%
XYZ	30.0233, 42.4478, 23.1339
YIQ	162.1290, -14.9860, -36.7940

# Conversions

## Conversions Part 2

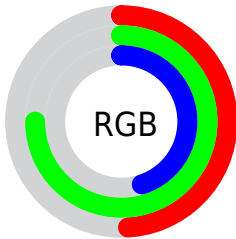
Format	Color
<a href="#">RYB</a>	<a href="#">116, 190, 181</a>
Decimal	<a href="#">8240756</a>
CIELab	<a href="#">71.18, -35.25, 30.97</a>
CIELCh	<a href="#">71, 46.919, 138.701</a>
Yxy	<a href="#">42.4478, 0.3140, 0.4440</a>
Android (android.graphics.Color)	<a href="#">4286430836 (0xFF7DBE74)</a>
YUV	<a href="#">162.1290, -22.7416, -32.5621</a>
Hunter-Lab	<a href="#">65.1520, -31.7598, 24.5540</a>

# Details

The Android color `4286430836` is a dark color, and the websafe version is hex `99CC99`. A complement of this color would be `4290081982`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4290049961`, and `4282943554` is the 20% darker color. If you saturate the color by 10%, you get `4285316705`, and if you desaturate by 10%, it is `4287544967`.

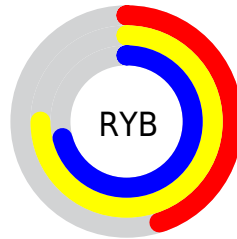
# Distribution



Red (49%)

Green (75%)

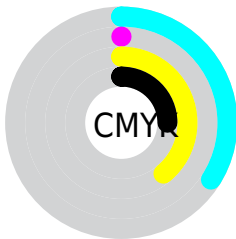
Blue (45%)



Red (45%)

Yellow (75%)

Blue (71%)

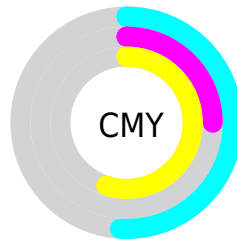


Cyan (34%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (51%)

Magenta (25%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286430836 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 4286430836 by changing the saturation by 10% instead.





4286430836



4286430836

4294967295



4284654427



4290049961



4282943554



4291887044



4281232939



4293787616



4279194899

4294967293



4278205952



4278200320



4278192128



4278190080



4286430836



4286430836

 4285316705

 4287544967

 4284268110

 4288593562

 4283153979

 4289707693

 4282039848

 4290821824

 4280991253

 4291870419

 4279877122

 4292984550

 4279746048

 4294098681

 4294950655

# Harmonies

## Analogous

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



4289639515



4286430836



4281975708

# Triad

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



4286430836



4282300415



4294937749

# Complementary

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



4286430836



4290081982

# 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.



4294348224



4286430836



4288260607

# Square

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



4286430836



4278239725



4292057575



4294219632

# Rectangle

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



4286430836



4278240442



4292057575



4294937507

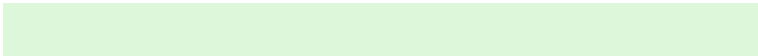


# Sweetspot

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



4286430836



4292736986



4290688116



4285431147



4294769916



4286414205



# Same Dimension

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



4286430836



4287756163



4285841039



4283850325



4279475712



4278460160



# Inverse Universe

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



4290081982



4293493751



4290671779



4284306782



4287299742



4279959583



# Previews

## White Background



This preview shows how the Android color 4286430836 looks on a white background.

## Color Contrast Check

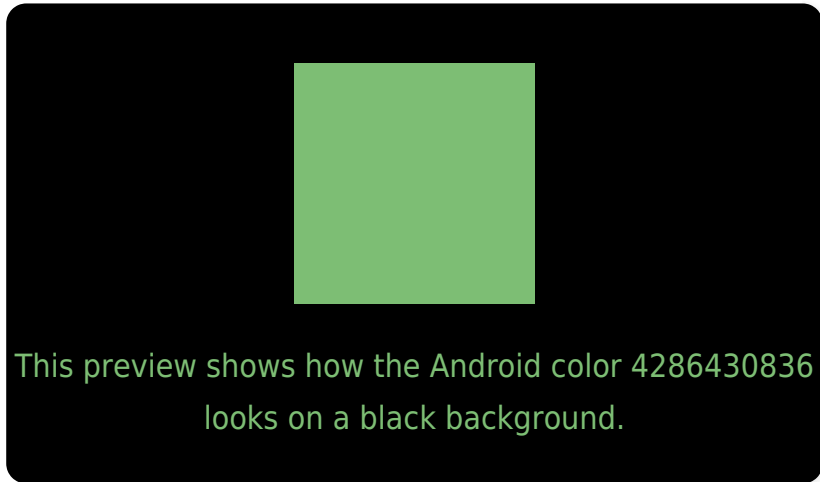
Large Text (above 18pt) WCAG AA × Fail

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 4286430836 Background



This preview shows how black text looks on a background with the Android color 4286430836.



This preview shows how white text looks on a background with the Android color 4286430836.

# 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**

4286430836



**Protanomaly**

4289114992



**Deuteranomaly**

4289834871



**Tritanomaly**

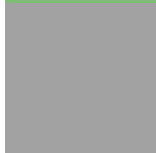
4287019174

# Monochromacy



**Original Color**

4286430836



**Achromatopsia**

4288848546



**Achromatomaly**

4287999121

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286430836 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, 190, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 190, 116)  
}
```

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, 190, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 190, 116) }
```

## Border

The CSS property to change the border of an element to Android 4286430836 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, 190, 116) }
```

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

```
.border{ border-color:rgb(125, 190, 116) }
```

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

Here you see how a box with a 4 pixel rgb(125, 190, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 190, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 190, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 190,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4286430836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 190, 116) }
```

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

```
.background{ background-color: rgb(125,  
190, 116) }
```

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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