

# Converting Colors

Android(4286163746)

Have a look what the booklet for  
Android(4286163746) contains.

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**Color**

**Android(4286163746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79AB22
RGB	121, 171, 34
RGB Percent	47%, 67%, 13%
CMY	0.5255, 0.3294, 0.8667
CMYK	0.29, 0.00, 0.80, 0.33
HSL	82°, 67%, 40%
HSV	82°, 80%, 67%
XYZ	22.7368, 33.3063, 6.7438
YIQ	140.4320, 14.1770, -53.2070

# Conversions

## Conversions Part 2

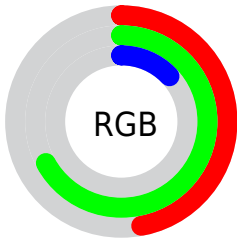
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 171, 84
Decimal	7973666
CIELab	64.41, -36.20, 59.50
CIELCh	64, 69.652, 121.316
Yxy	33.3063, 0.3621, 0.5305
Android (android.graphics.Color)	4286163746 (0xFF79AB22)
YUV	140.4320, -52.4710, -17.0419
Hunter-Lab	57.7116, -30.6711, 33.4699

# Details

The Android color `4286163746` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4283703979`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4289848155`, and `4282545664` is the 20% darker color. If you saturate the color by 10%, you get `4285770513`, and if you desaturate by 10%, it is `4286556979`.

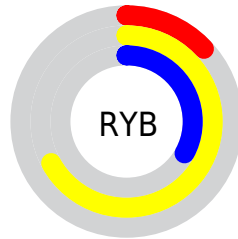
# Distribution



Red (47%)

Green (67%)

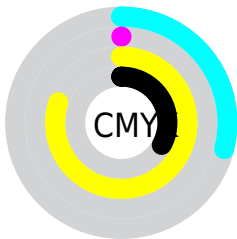
Blue (13%)



Red (13%)

Yellow (67%)

Blue (33%)

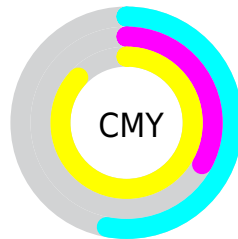


Cyan (29%)

Magenta (0%)

Yellow (80%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286163746 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 4286163746 by changing the saturation by 10% instead.





4286163746



4286163746

4294967295



4284321792



4289848155



4282545664



4291755894



4280769792



4293656466



4278207744



4294967214



4278201856



4294967242



4278196224



4294967271



4278190080



4286163746



4286163746



4285770513



4286556979

■ 4285377280

■ 4286950212

■ 4287408981

■ 4287802214

■ 4288195447

■ 4288588681

■ 4289047450

■ 4289440683

■ 4289833916

# Harmonies

## Analogous

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



4290288128



4286163746



4278236509

# Triad

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



4286163746



4278235903



4294925468

# Complementary

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



4286163746



4283703979

# 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.



4293488089



4286163746



4278232063

# Square

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



4286163746



4278237403



4288580351



4294928479

# Rectangle

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



4286163746



4278237319



4288580351



4294926257



# Sweetspot

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



4286163746



4291485353



4289417762



4284772432



4293980400



4285558896



# Same Dimension

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



4286163746



4287684105



4281838370



4283717454



4284519936



4279179008



# Inverse Universe

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



4283703979



4283894238



4288029355



4283518551



4281794710



4278714391



# Previews

## White Background



This preview shows how the Android color 4286163746 looks on a white background.

## Color Contrast Check

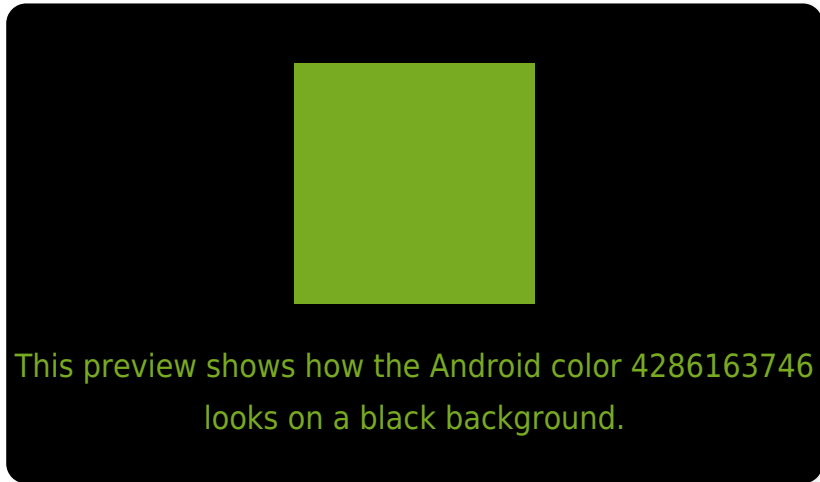
Large Text (above 18pt) WCAG AA × Fail

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 4286163746 Background



This preview shows how black text looks on a background with the Android color 4286163746.



This preview shows how white text looks on a background with the Android color 4286163746.

# 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**  
4286163746

**Protanomaly**  
4288389407

**Deuteranomaly**  
4289240106

**Tritanomaly**  
4286817146

# Monochromacy



**Original Color**  
4286163746

**Achromatopsia**  
4287401100

**Achromatomaly**  
4286945125

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286163746 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, 171, 34)` looks like.

```
.text, #text, p{  
    color:rgb(121, 171, 34)  
}
```

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, 171, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 171, 34) }
```

## Border

The CSS property to change the border of an element to Android 4286163746 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, 171, 34) }
```

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

```
.border{ border-color:rgb(121, 171, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 171, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 171, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 171, 34);  
box-shadow:4px 4px 4px 4px rgb(121, 171,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4286163746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 171, 34) }
```

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

```
.background{ background-color: rgb(121,  
171, 34) }
```

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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