

# Converting Colors

Android(4289710941)

Have a look what the booklet for  
Android(4289710941) contains.

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# **Color**

**Android(4289710941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFCB5D
RGB	175, 203, 93
RGB Percent	69%, 80%, 36%
CMY	0.3137, 0.2039, 0.6353
CMYK	0.14, 0.00, 0.54, 0.20
HSL	75°, 51%, 58%
HSV	75°, 54%, 80%
XYZ	41.0109, 52.6161, 18.3504
YIQ	182.0880, 18.6220, -40.1460

# Conversions

## Conversions Part 2

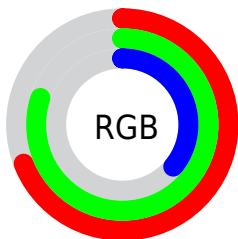
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 203, 121
Decimal	11520861
CIELab	77.65, -25.83, 50.99
CIElCh	78, 57.157, 116.866
Yxy	52.6161, 0.3662, 0.4699
Android (android.graphics.Color)	4289710941 (0xFFAFCB5D)
YUV	182.0880, -43.9204, -6.2162
Hunter-Lab	72.5370, -26.0195, 35.7768

# Details

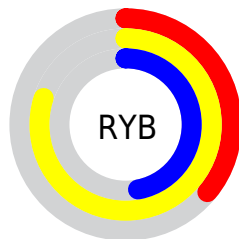
The Android color **4289710941** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **4286143947**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4293459858**, and **4286092584** is the 20% darker color. If you saturate the color by 10%, you get **4289383241**, and if you desaturate by 10%, it is **4290038641**.

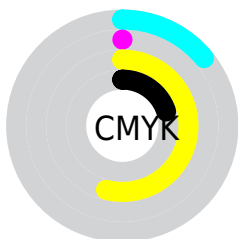
# Distribution



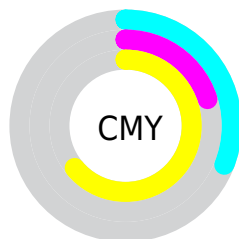
- Red (69%)
- Green (80%)
- Blue (36%)



- Red (36%)
- Yellow (80%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (54%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289710941 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 4289710941 by changing the saturation by 10% instead.





4289710941



4289710941

4294967295



4287868995



4293459858



4286092584



4294967214



4284316423



4294967242



4282606080



4294967271



4280961536



4279120640



4278198272



4278190080



4289710941



4289710941

■ 4289383241

■ 4290038641

■ 4289055540

■ 4290366342

■ 4288662304

■ 4290759578

■ 4288334604

■ 4291087278

■ 4288137984

■ 4291414979

■ 4291742679

■ 4292070379

■ 4292398079

■ 4292791295

# Harmonies

## Analogous

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



4293180242



4289710941



4285322628

# Triad

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



4289710941



4278244607



4294939592

# Complementary

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



4289710941



4286143947

# 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.



4294746363



4289710941



4283025407

# Square

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



4289710941



4278246126



4290426111



4294940563

# Rectangle

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



4289710941



4279622054



4290426111



4294940377

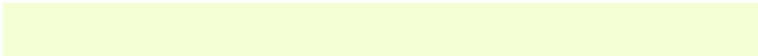


# Sweetspot

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



4289710941



4294311894



4291524957



4286152807



4278190080



4286611584



# Same Dimension

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



4289710941



4292214617



4286171997



4284704348



4286359040



4280100352



# Inverse Universe

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



4286143947



4286798335



4289748427



4284374118



4280942758



4278845478



# Previews

## White Background



This preview shows how the Android color 4289710941 looks on a white background.

## Color Contrast Check

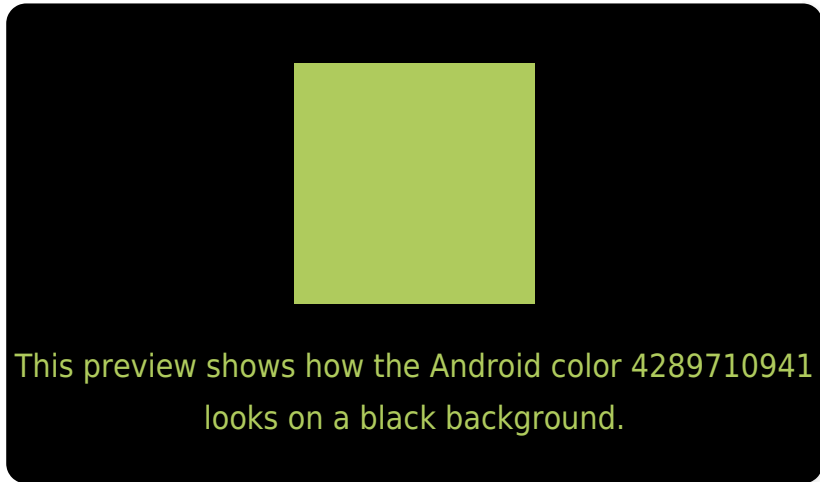
Large Text (above 18pt) WCAG AA × Fail

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 4289710941 Background



This preview shows how black text looks on a background with the Android color 4289710941.



This preview shows how white text looks on a background with the Android color 4289710941.

# 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**  
4289710941

**Protanopia**  
4292132953

**Deuteranopia**  
4293637730



# Trichromacy



**Original Color**  
4289710941

**Protanomaly**  
4291282010

**Deuteranomaly**  
4292197984

**Tritanomaly**  
4290233253

# Monochromacy



**Original Color**  
4289710941

**Achromatopsia**  
4290164406

**Achromatomaly**  
4289969814

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289710941 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(175, 203, 93)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 93)  
}
```

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(175, 203, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 93) }
```

## Border

The CSS property to change the border of an element to Android 4289710941 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(175, 203, 93) }
```

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

```
.border{ border-color:rgb(175, 203, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 203, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 203, 93);  
box-shadow:4px 4px 4px 4px rgb(175, 203,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4289710941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 93) }
```

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

```
.background{ background-color: rgb(175,  
203, 93) }
```

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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