

# Converting Colors

Android(4287744780)

Have a look what the booklet for  
Android(4287744780) contains.

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# **Color**

**Android(4287744780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CB0C
RGB	145, 203, 12
RGB Percent	57%, 80%, 5%
CMY	0.4314, 0.2039, 0.9529
CMYK	0.29, 0.00, 0.94, 0.20
HSL	78°, 89%, 42%
HSV	78°, 94%, 80%
XYZ	33.0994, 48.7582, 8.0146
YIQ	163.8840, 26.7430, -71.6970

# Conversions

## Conversions Part 2

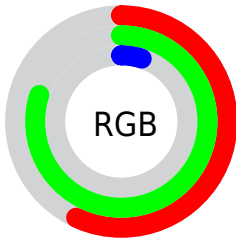
Format	Color
<a href="#">RYB</a>	<a href="#">12, 203, 70</a>
Decimal	<a href="#">9554700</a>
CIELab	<a href="#">75.30, -41.76, 73.60</a>
CIELCh	<a href="#">75, 84.621, 119.573</a>
Yxy	<a href="#">48.7582, 0.3683, 0.5425</a>
Android (android.graphics.Color)	<a href="#">4287744780 (0xFF91CB0C)</a>
YUV	<a href="#">163.8840, -74.8788, -16.5613</a>
Hunter-Lab	<a href="#">69.8270, -37.5849, 42.0738</a>

# Details

The Android color **4287744780** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4282780875**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4291559254**, and **4283929600** is the 20% darker color. If you saturate the color by 10%, you get **4287482624**, and if you desaturate by 10%, it is **4288138016**.

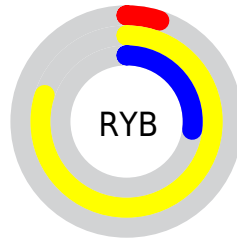
# Distribution



Red (57%)

Green (80%)

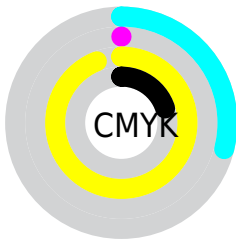
Blue (5%)



Red (5%)

Yellow (80%)

Blue (27%)

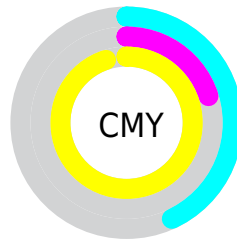


Cyan (29%)

Magenta (0%)

Yellow (94%)

Black (20%)



Cyan (43%)

Magenta (20%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287744780 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 4287744780 by changing the saturation by 10% instead.




 4287744780

 4287744780

4294967295

 4285837056

 4291559254

 4283929600

 4293525363

 4282022400

 4294967184

 4279787776

 4294967213

 4278208768

 4294967242

 4278202624

 4294967271

 4278196992

 4278190080

 4287744780

 4287744780

■ 4287482624

■ 4288138016

■ 4288531253

■ 4288924489

■ 4289383261

■ 4289776498

■ 4290169734

■ 4290562970

■ 4290956206

■ 4291349443

# Harmonies

## Analogous

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



4292785664



4287744780



4278245221

# Triad

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



4287744780



4278244863



4294927806

# Complementary

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



4287744780



4282780875

# 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.



4294934527



4287744780



4278240255

# Square

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



4287744780



4278246655



4289897983



4294931313

# Rectangle

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



4287744780



4278246299



4289897983



4294929112

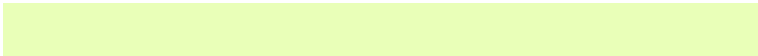


# Sweetspot

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



4287744780



4293525432



4291511564



4285694036



4278190080



4286611584



# Same Dimension

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



4287744780



4289920768



4281518860



4284704348



4285769216



4279969280



# Inverse Universe

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



4282780875



4283236607



4289006795



4284439654



4281467046



4278976550



# Previews

## White Background



This preview shows how the Android color 4287744780 looks on a white background.

## Color Contrast Check

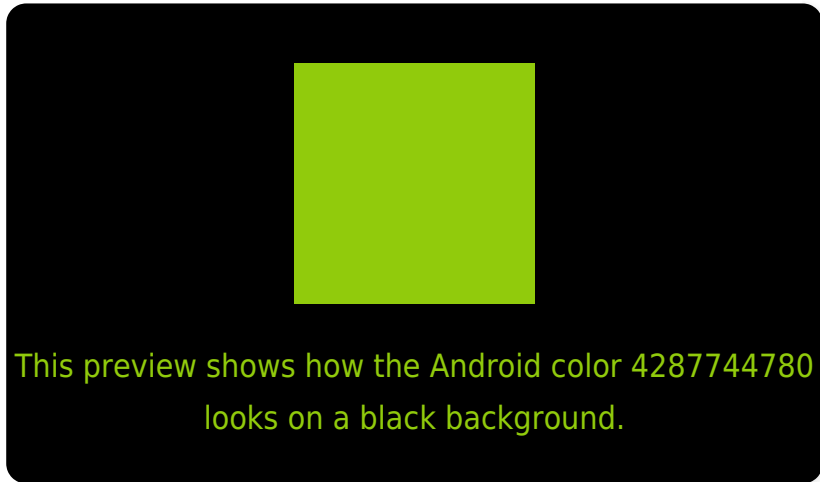
Large Text (above 18pt) WCAG AA × Fail

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 4287744780 Background



This preview shows how black text looks on a background with the Android color 4287744780.



This preview shows how white text looks on a background with the Android color 4287744780.

# 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**  
4287744780

**Protanopia**  
4291868928

**Deuteranopia**  
4293504808



# Trichromacy



**Original Color**  
4287744780

**Protanomaly**  
4290363396

**Deuteranomaly**  
4291410206

**Tritanomaly**  
4288529030

# Monochromacy



**Original Color**  
4287744780

**Achromatopsia**  
4288980132

**Achromatomaly**  
4288524909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287744780 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(145, 203, 12)` looks like.

```
.text, #text, p{  
    color:rgb(145, 203, 12)  
}
```

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(145, 203, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 203, 12) }
```

## Border

The CSS property to change the border of an element to Android 4287744780 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(145, 203, 12) }
```

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

```
.border{ border-color:rgb(145, 203, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 203, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 203, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 203, 12);  
box-shadow:4px 4px 4px 4px rgb(145, 203,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4287744780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 203, 12) }
```

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

```
.background{ background-color: rgb(145,  
203, 12) }
```

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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