

# Converting Colors

Android(4290376766)

Have a look what the booklet for  
Android(4290376766) contains.

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# **Color**

**Android(4290376766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9F43E
RGB	185, 244, 62
RGB Percent	73%, 96%, 24%
CMY	0.2745, 0.0431, 0.7569
CMYK	0.24, 0.00, 0.75, 0.04
HSL	79°, 89%, 60%
HSV	79°, 75%, 96%
XYZ	53.2278, 75.3635, 16.2986
YIQ	205.6110, 23.2580, -69.1100

# Conversions

## Conversions Part 2

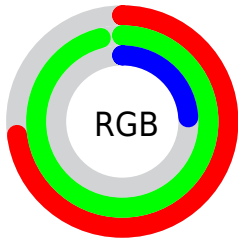
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 244, 121
Decimal	12186686
CIELab	89.56, -42.88, 75.81
CIELCh	90, 87.099, 119.493
Yxy	75.3635, 0.3674, 0.5201
Android (android.graphics.Color)	4290376766 (0xFFB9F43E)
YUV	205.6110, -70.8002, -18.0758
Hunter-Lab	86.8121, -42.4762, 49.6370

# Details

The Android color `4290376766` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed chartreuse. A complement of this color would be `4286136052`, and the grayscale version is `4291743438`.

A 20% lighter version of the original color is `4294311802`, and `4286561024` is the 20% darker color. If you saturate the color by 10%, you get `4289852454`, and if you desaturate by 10%, it is `4290901078`.

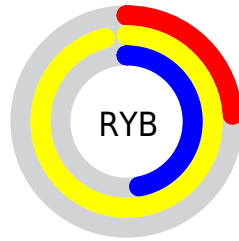
# Distribution



Red (73%)

Green (96%)

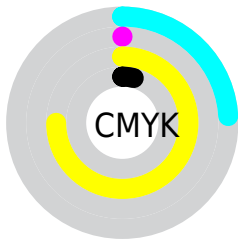
Blue (24%)



Red (24%)

Yellow (96%)

Blue (47%)

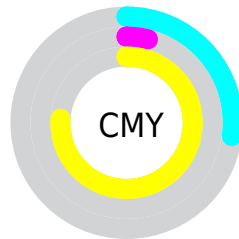


Cyan (24%)

Magenta (0%)

Yellow (75%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290376766 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 4290376766 by changing the saturation by 10% instead.



 4290376766

 4290376766

4294967295

 4288468759

 4294311802

 4286561024

 4294967191

 4284653568

 4294967220

 4282680832

 4294967249

 4280642560

 4294967279

 4278211328

 4278205184

 4278200064

 4278190080

■ 4290376766

■ 4290376766

■ 4289852454

■ 4290901078

■ 4289328141

■ 4291425391

■ 4289065984

■ 4291949703

■ 4292474016

■ 4292998328

■ 4293457104

■ 4293981417

■ 4294505727

■ 4294964479

# Harmonies

## Analogous

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



4294958360



4290376766



4280483720

# Triad

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



4290376766



4278255615



4294938598

# Complementary

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



4290376766



4286136052

# 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.



4294944511



4290376766



4278250495

# Square

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



4290376766



4278255615



4292726015



4294941588

# Rectangle

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



4290376766



4278255552



4292726015



4294939647

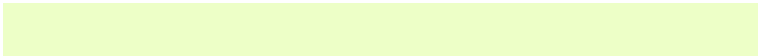


# Sweetspot

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



4290376766



4293787591



4294211646



4285890654



4278190080



4286611584



# Same Dimension

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



4290376766



4290117401



4284478526



4285954670



4286495232



4280826624



# Inverse Universe

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



4286136052



4284750335



4292034292



4285689466



4282122426

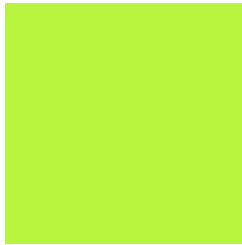


4279435323



# Previews

## White Background



This preview shows how the Android color 4290376766 looks on a white background.

## Color Contrast Check

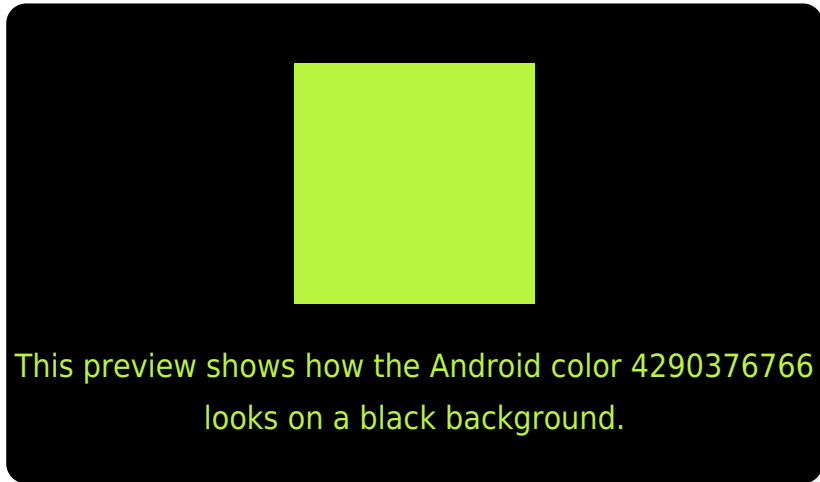
Large Text (above 18pt) WCAG AA × Fail

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 4290376766 Background



This preview shows how black text looks on a background with the Android color 4290376766.



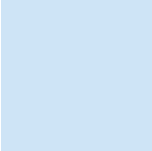
This preview shows how white text looks on a background with the Android color 4290376766.

# 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





**Tritanopia**  
4291749110

# Trichromacy



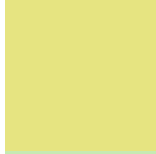
**Original Color**

4290376766



**Protanomaly**

4293191739



**Deuteranomaly**

4293321857



**Tritanomaly**

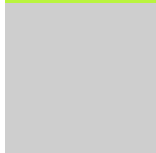
4291226291

# Monochromacy



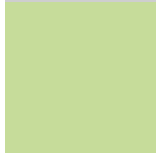
**Original Color**

4290376766



**Achromatopsia**

4291743438



**Achromatomaly**

4291222682

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290376766 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(185, 244, 62)` looks like.

```
.text, #text, p{  
    color:rgb(185, 244, 62)  
}
```

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(185, 244, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 244, 62) }
```

## Border

The CSS property to change the border of an element to Android 4290376766 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(185, 244, 62) }
```

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

```
.border{ border-color:rgb(185, 244, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 244, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 244, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 244, 62);  
box-shadow:4px 4px 4px 4px rgb(185, 244,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4290376766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 244, 62) }
```

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

```
.background{ background-color: rgb(185,  
244, 62) }
```

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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