

# Converting Colors

Android(4294950190)

Have a look what the booklet for  
Android(4294950190) contains.

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# **Color**

**Android(4294950190)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBD2E
RGB	255, 189, 46
RGB Percent	100%, 74%, 18%
CMY	0.0000, 0.2588, 0.8196
CMYK	0.00, 0.26, 0.82, 0.00
HSL	41°, 100%, 59%
HSV	41°, 82%, 100%
XYZ	59.9307, 57.8524, 10.5927
YIQ	192.4320, 85.2390, -30.4810

# Conversions

## Conversions Part 2

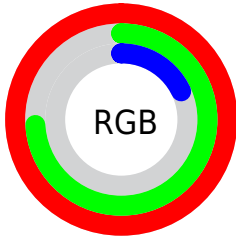
Format	Color
R <sub>Y</sub> B	142, 255, 46
Decimal	16760110
CIE Lab	80.66, 12.13, 74.67
CIE LCh	81, 75.644, 80.773
Yxy	57.8524, 0.4668, 0.4506
Android (android.graphics.Color)	4294950190 (0xFFFFBD2E)
YUV	192.4320, -72.1910, 54.8721
Hunter-Lab	76.0608, 7.5395, 44.9855

# Details

The Android color `4294950190` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4281233663`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294964585`, and `4290873344` is the 20% darker color. If you saturate the color by 10%, you get `4294948117`, and if you desaturate by 10%, it is `4294952264`.

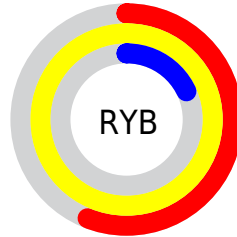
# Distribution



Red (100%)

Green (74%)

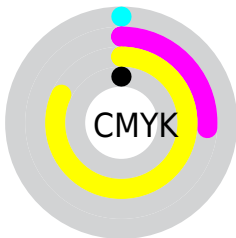
Blue (18%)



Red (56%)

Yellow (100%)

Blue (18%)

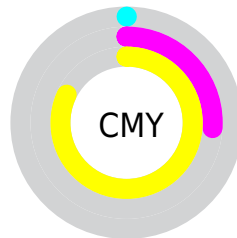


Cyan (0%)

Magenta (26%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294950190 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 4294950190 by changing the saturation by 10% instead.



 4294950190

 4294950190

4294967295

 4292911616

 4294964585

 4290873344

 4294967173

 4288900864

 4294967201

 4286928640

 4294967230

 4285022208

 4294967259

 4283181568

 4294967289

 4281472256

 4279959552

 4278190080

4294950190

4294950190

4294948117

4294952264

4294946304

4294954337

4294956411

4294958484

4294960558

4294962631

4294964705

4294966778

4294967295

# Harmonies

## Analogous

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



4294943068



4294950190



4290630452

# Triad

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



4294950190



4278250232



4294942975

# Complementary

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



4294950190



4281233663

# 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.



4288724991



4294950190



4278248959

# Square

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



4294950190



4278249903



4278245375



4294936545

# Rectangle

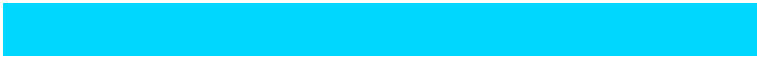
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294950190



4287094357



4278245375



4293700351



# Sweetspot

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



4294950190



4294962111



4294913648



4286608217



4278190080



4286611584



# Same Dimension

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



4294950190



4294946821



4292476718



4286610291



4290740992



4282395648



# Inverse Universe

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



4281233663



4278539519



4283707135



4285757312



4278205631



4278195264



# Previews

## White Background



This preview shows how the Android color 4294950190 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



This preview shows how the Android color 4294950190 looks on a 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 4294950190 Background



This preview shows how black text looks on a background with the Android color 4294950190.



This preview shows how white text looks on a background with the Android color 4294950190.

# 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**  
4294950190

**Protanopia**  
4292987185

**Deuteranopia**  
4294753837



**Tritanopia**  
4294948031

# Trichromacy



**Original Color**  
4294950190

**Protanomaly**  
4293707056

**Deuteranomaly**  
4294819373

**Tritanomaly**  
4294948746

# Monochromacy



**Original Color**  
4294950190

**Achromatopsia**  
4290822336

**Achromatomaly**  
4292329355

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294950190 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(255, 189, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 46)  
}
```

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(255, 189, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 46) }
```

## Border

The CSS property to change the border of an element to Android 4294950190 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(255, 189, 46) }
```

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

```
.border{ border-color:rgb(255, 189, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4294950190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 46) }
```

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

```
.background{ background-color: rgb(255,  
189, 46) }
```

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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