

# Converting Colors

Android(4294030893)

Have a look what the booklet for  
Android(4294030893) contains.

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# **Color**

**Android(4294030893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1B62D
RGB	241, 182, 45
RGB Percent	95%, 71%, 18%
CMY	0.0549, 0.2863, 0.8235
CMYK	0.00, 0.24, 0.81, 0.05
HSL	42°, 87%, 56%
HSV	42°, 81%, 95%
XYZ	53.4772, 52.3461, 9.7679
YIQ	184.0230, 79.1410, -30.0990

# Conversions

## Conversions Part 2

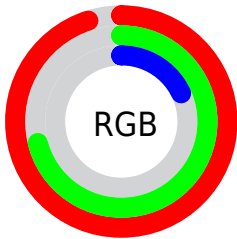
Format	Color
<a href="#">RYB</a>	<a href="#">129, 241, 45</a>
Decimal	<a href="#">15840813</a>
CIELab	<a href="#">77.49, 9.81, 71.65</a>
CIELCh	<a href="#">77, 72.322, 82.202</a>
Yxy	<a href="#">52.3461, 0.4626, 0.4529</a>
Android (android.graphics.Color)	<a href="#">4294030893</a> ( <a href="#">0xFFFF1B62D</a> )
YUV	<a href="#">184.0230, -68.5383, 49.9688</a>
Hunter-Lab	<a href="#">72.3506, 5.3229, 42.6408</a>

# Details

The Android color **4294030893** 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 **4281166065**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4294962791**, and **4290019584** is the 20% darker color. If you saturate the color by 10%, you get **4294029077**, and if you desaturate by 10%, it is **4294032709**.

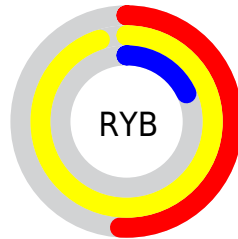
# Distribution



Red (95%)

Green (71%)

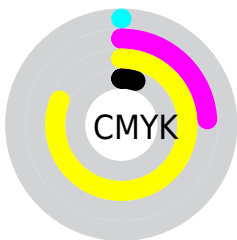
Blue (18%)



Red (51%)

Yellow (95%)

Blue (18%)

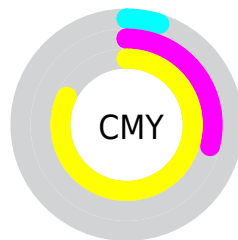


Cyan (0%)

Magenta (24%)

Yellow (81%)

Black (5%)



Cyan (5%)

Magenta (29%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294030893 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 4294030893 by changing the saturation by 10% instead.





4294030893



4294030893

4294967295



4291992320



4294962791



4290019584



4294967171



4288047360



4294967199



4286140672



4294967227



4284234240



4294967256



4282459392



4294967286



4280815872



4278190080



4294030893



4294030893

4294029077

4294032709

4294027264

4294034781

4294036597

4294038413

4294040229

4294042302

4294044118

4294045934

4294047743

# Harmonies

## Analogous

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



4294941526



4294030893



4289907509

# Triad

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



4294030893



4278247408



4294940927

# Complementary

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



4294030893



4281166065

# 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.



4288722431



4294030893



4278246143

# Square

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



4294030893



4278247083



4278242559



4294935252

# Rectangle

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



4294030893



4286501973



4278242559



4293305087



# Sweetspot

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



4294030893



4294962626



4293995883



4286608475



4278190080



4286611584



# Same Dimension

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



4294030893



4294947845



4291686701



4286084204



4290281472



4281870080



# Inverse Universe

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



4281166065



4278538495



4283510257



4285296504



4278204344



4278194488



# Previews

## White Background



This preview shows how the Android color 4294030893 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 4294030893 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 4294030893 Background



This preview shows how black text looks on a background with the Android color 4294030893.



This preview shows how white text looks on a background with the Android color 4294030893.

# 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**  
4294030893

**Protanopia**  
4292329520

**Deuteranopia**  
4294030893



**Tritanopia**  
4294552247

# Trichromacy



**Original Color**  
4294030893

**Protanomaly**  
4292918319

**Deuteranomaly**  
4294030893

**Tritanomaly**  
4294356613

# Monochromacy



**Original Color**  
4294030893

**Achromatopsia**  
4290295992

**Achromatomaly**  
4291671941

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294030893 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(241, 182, 45)` looks like.

```
.text, #text, p{  
    color:rgb(241, 182, 45)  
}
```

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(241, 182, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 182, 45) }
```

## Border

The CSS property to change the border of an element to Android 4294030893 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(241, 182, 45) }
```

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

```
.border{ border-color:rgb(241, 182, 45) }
```

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

Here you see how a box with a 4 pixel rgb(241, 182, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 182, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 182, 45);  
box-shadow:4px 4px 4px 4px rgb(241, 182,  
45) }
```

# Background

The CSS property to change the background color of an element to Android 4294030893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 182, 45) }
```

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

```
.background{ background-color: rgb(241,  
182, 45) }
```

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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