

# Converting Colors

Android(4293048114)

Have a look what the booklet for  
Android(4293048114) contains.

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# **Color**

**Android(4293048114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2B732
RGB	226, 183, 50
RGB Percent	89%, 72%, 20%
CMY	0.1137, 0.2824, 0.8039
CMYK	0.00, 0.19, 0.78, 0.11
HSL	45°, 75%, 54%
HSV	45°, 78%, 89%
XYZ	48.8732, 50.2660, 10.1440
YIQ	180.6950, 68.3210, -32.2470

# Conversions

## Conversions Part 2

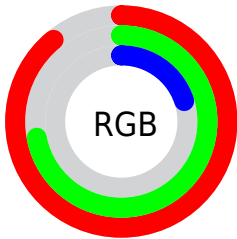
Format	Color
<a href="#">RYB</a>	<a href="#">107, 226, 50</a>
Decimal	<a href="#">14858034</a>
CIELab	<a href="#">76.23, 3.02, 68.35</a>
CIElCh	<a href="#">76, 68.421, 87.471</a>
Yxy	<a href="#">50.2660, 0.4472, 0.4600</a>
Android (android.graphics.Color)	<a href="#">4293048114</a> (0xFFE2B732)
YUV	<a href="#">180.6950, -64.4326, 39.7325</a>
Hunter-Lab	<a href="#">70.8985, -1.0251, 41.1459</a>

# Details

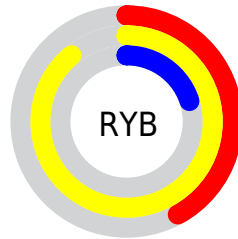
The Android color `4293048114` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4281490914`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4294963051`, and `4289102336` is the 20% darker color. If you saturate the color by 10%, you get `4293046555`, and if you desaturate by 10%, it is `4293049673`.

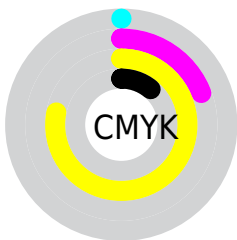
# Distribution



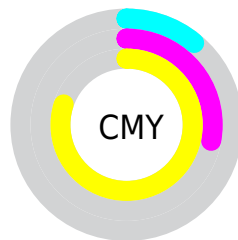
- Red (89%)
- Green (72%)
- Blue (20%)



- Red (42%)
- Yellow (89%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293048114 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 4293048114 by changing the saturation by 10% instead.





4293048114



4293048114

4294967295



4291075084



4294963051



4289102336



4294967174



4287195648



4294967202



4285354496



4294967231



4283513600



4294967260



4281738752



4294967289



4280160768



4278190080



4293048114



4293048114

4293046555

4293049673

4293045253

4293050975

4293044992

4293052534

4293053836

4293055395

4293056698

4293058256

4293059559

4293061117

# Harmonies

## Analogous

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



4294942545



4293048114



4288989506

# Triad

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



4293048114



4278246133



4294939647

# Complementary

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



4293048114



4281490914

# 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.



4290031359



4293048114



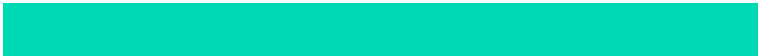
4278244351

# Square

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



4293048114



4278246068



4278240767



4294935236

# Rectangle

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



4293048114



4285583970



4278240767



4293827583



# Sweetspot

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



4293048114



4294963652



4293014110



4286609244



4278190080



4286611584



# Same Dimension

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



4293048114



4294952210



4290175538



4285558117



4289758464



4281345280



# Inverse Universe

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



4281490914



4279389439



4284363490



4284835952



4278201264



4278193200



# Previews

## White Background



This preview shows how the Android color 4293048114 looks on a white background.

## Color Contrast Check

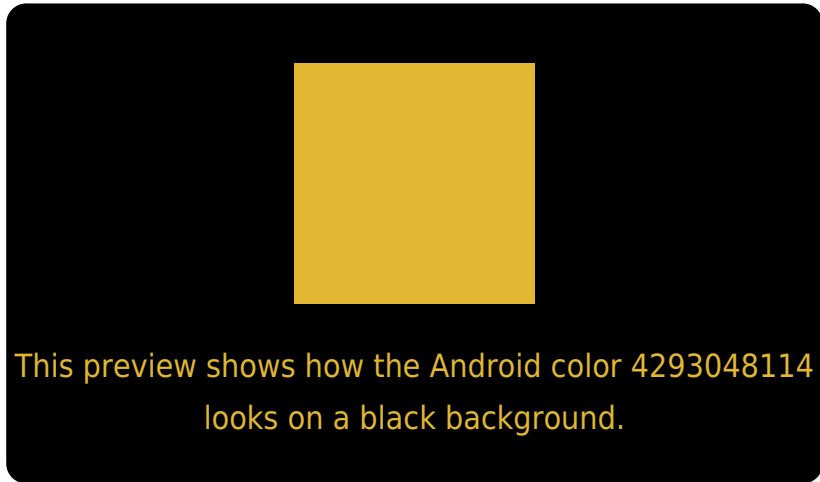
Large Text (above 18pt) WCAG AA × Fail

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 4293048114 Background



This preview shows how black text looks on a background with the Android color 4293048114.



This preview shows how white text looks on a background with the Android color 4293048114.

# 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**  
4293048114

**Protanopia**  
4292066611

**Deuteranopia**  
4293702452



# Trichromacy



**Original Color**  
4293048114

**Protanomaly**  
4292393779

**Deuteranomaly**  
4293440563

**Tritanomaly**  
4293439367

# Monochromacy



**Original Color**  
4293048114

**Achromatopsia**  
4290098613

**Achromatomaly**  
4291147397

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293048114 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(226, 183, 50)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 50)  
}
```

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(226, 183, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 50) }
```

## Border

The CSS property to change the border of an element to Android 4293048114 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(226, 183, 50) }
```

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

```
.border{ border-color:rgb(226, 183, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 50);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
50) }
```

# Background

The CSS property to change the background color of an element to Android 4293048114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 50) }
```

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

```
.background{ background-color: rgb(226,  
183, 50) }
```

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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