

# Converting Colors

Android(4293116937)

Have a look what the booklet for  
Android(4293116937) contains.

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# **Color**

**Android(4293116937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C409
RGB	227, 196, 9
RGB Percent	89%, 77%, 4%
CMY	0.1098, 0.2314, 0.9647
CMYK	0.00, 0.14, 0.96, 0.11
HSL	51°, 92%, 46%
HSV	51°, 96%, 89%
XYZ	51.4678, 55.8305, 8.3222
YIQ	183.9510, 78.5030, -51.5850

# Conversions

## Conversions Part 2

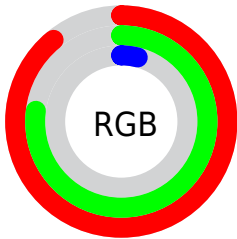
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 227, 9
Decimal	14926857
CIELab	79.52, -4.17, 79.81
CIElCh	80, 79.917, 92.993
Yxy	55.8305, 0.4451, 0.4829
Android (android.graphics.Color)	4293116937 (0xFFE3C409)
YUV	183.9510, -86.2508, 37.7540
Hunter-Lab	74.7198, -7.8069, 45.7002

# Details

The Android color **4293116937** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed yellow. A complement of this color would be **4278790371**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4294966358**, and **4289171200** is the 20% darker color. If you saturate the color by 10%, you get **4293116672**, and if you desaturate by 10%, it is **4293117728**.

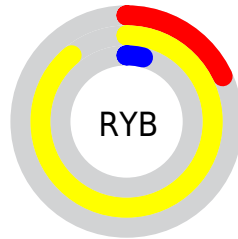
# Distribution



Red (89%)

Green (77%)

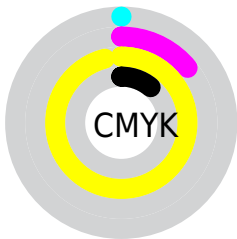
Blue (4%)



Red (18%)

Yellow (89%)

Blue (4%)

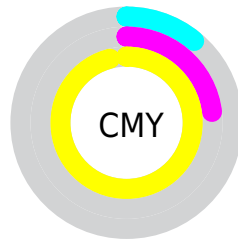


Cyan (0%)

Magenta (14%)

Yellow (96%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293116937 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 4293116937 by changing the saturation by 10% instead.





4293116937



4293116937

4294967295



4291143936



4294966358



4289171200



4294967156



4287198464



4294967185



4285357312



4294967213



4283516416



4294967243



4281741312



4294967272



4280163072



4278190080



4293116937



4293116937

■ 4293116672

■ 4293117728

■ 4293118518

■ 4293119565

■ 4293120356

■ 4293121147

■ 4293121937

■ 4293122984

■ 4293123775

■ 4293124565

# Harmonies

## Analogous

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



4294944826



4293116937



4288141369

# Triad

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



4293116937



4278249471



4294937855

# Complementary

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



4293116937



4278790371

# Split Complementary

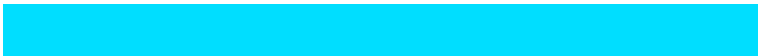
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4291800831



4293116937



4278247167

# Square

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



4293116937



4278249675



4278242303



4294933185

# Rectangle

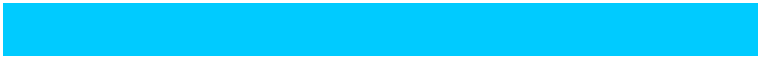
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293116937



4283228262



4278242303



4294940671



# Sweetspot

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



4293116937



4294964405



4293069098



4286609747



4278190080



4286611584



# Same Dimension

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



4293116937



4294957824



4288144137



4285755751



4289960192



4281543680



# Inverse Universe

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



4278790371



4278199551



4283763171



4284967283



4278196659



4278191923



# Previews

## White Background



This preview shows how the Android color 4293116937 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 4293116937 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 4293116937 Background



This preview shows how black text looks on a background with the Android color 4293116937.

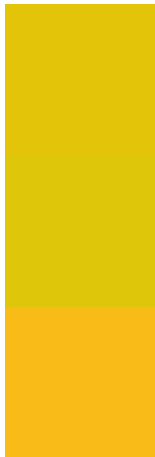


This preview shows how white text looks on a background with the Android color 4293116937.

# 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**  
4293116937

**Protanopia**  
4292789770

**Deuteranopia**  
4294556440



**Tritanopia**  
4293834436

# Trichromacy



**Original Color**  
4293116937

**Protanomaly**  
4292920586

**Deuteranomaly**  
4294032915

**Tritanomaly**  
4293573504

# Monochromacy



**Original Color**  
4293116937

**Achromatopsia**  
4290295992

**Achromatomaly**  
4291345528

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293116937 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(227, 196, 9)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 9)  
}
```

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(227, 196, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 9) }
```

## Border

The CSS property to change the border of an element to Android 4293116937 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(227, 196, 9) }
```

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

```
.border{ border-color:rgb(227, 196, 9) }
```

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

Here you see how a box with a 4 pixel rgb(227, 196, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 196, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 196, 9);  
box-shadow:4px 4px 4px 4px rgb(227, 196,  
9) }
```

# Background

The CSS property to change the background color of an element to Android 4293116937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 9) }
```

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

```
.background{ background-color: rgb(227,  
196, 9) }
```

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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