

# Converting Colors

Android(4293504512)

Have a look what the booklet for  
Android(4293504512) contains.

<b>Android(4293504512)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4293504512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9AE00
RGB	233, 174, 0
RGB Percent	91%, 68%, 0%
CMY	0.0863, 0.3176, 1.0000
CMYK	0.00, 0.25, 1.00, 0.09
HSL	45°, 100%, 46%
HSV	45°, 100%, 91%
XYZ	48.7403, 47.5957, 6.6180
YIQ	171.8050, 91.0180, -41.6060

# Conversions

## Conversions Part 2

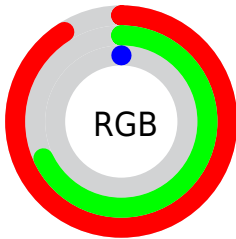
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 233, 0
Decimal	15314432
CIE <sub>Lab</sub>	74.57, 9.82, 77.52
CIE <sub>LCh</sub>	75, 78.138, 82.777
Yxy	47.5957, 0.4734, 0.4623
Android (android.graphics.Color)	4293504512 (0xFFE9AE00)
YUV	171.8050, -84.6999, 53.6680
Hunter-Lab	68.9897, 5.3761, 42.6052

# Details

The Android color **4293504512** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **4278205417**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294960464**, and **4289493504** is the 20% darker color. If you saturate the color by 10%, you get **4293504512**, and if you desaturate by 10%, it is **4293506071**.

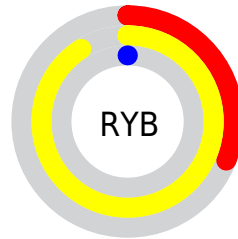
# Distribution



Red (91%)

Green (68%)

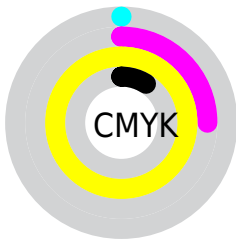
Blue (0%)



Red (31%)

Yellow (91%)

Blue (0%)

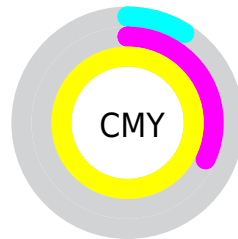


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (32%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293504512 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 4293504512 by changing the saturation by 10% instead.



 4293504512

 4293504512

4294967295

 4291466240

 4294960464

 4289493504

 4294967149

 4287521024

 4294967177

 4285614592

 4294967206

 4283708416

 4294967235

 4281999104

 4294967264

 4280354816

4294967294

 4278190080

 4293504512

 4293506071

 4293507631

 4293509190

 4293510749

 4293512053

 4293513612

 4293515171

 4293516730

 4293518290

# Harmonies

## Analogous

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



4294938692



4293504512



4289119254

# Triad

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



4293504512



4278245869



4294806527

# Complementary

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



4293504512



4278205417

# 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.



4287933695



4293504512



4278244351

# Square

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



4293504512



4278245539



4278240767



4294930892

# Rectangle

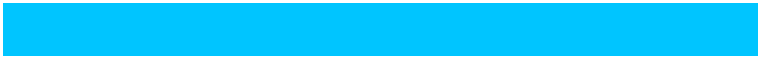
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293504512



4285320772



4278240767



4292974335



# Sweetspot

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



4293504512



4294962355



4293460030



4286608466



4278190080



4286611584



# Same Dimension

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



4293504512



4294950400



4289980672



4285887082



4290086656



4281739264



# Inverse Universe

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



4278205417



4278206975



4281729257



4285164917



4278202037



4278193718



# Previews

## White Background



This preview shows how the Android color 4293504512 looks on a white background.

## Color Contrast Check

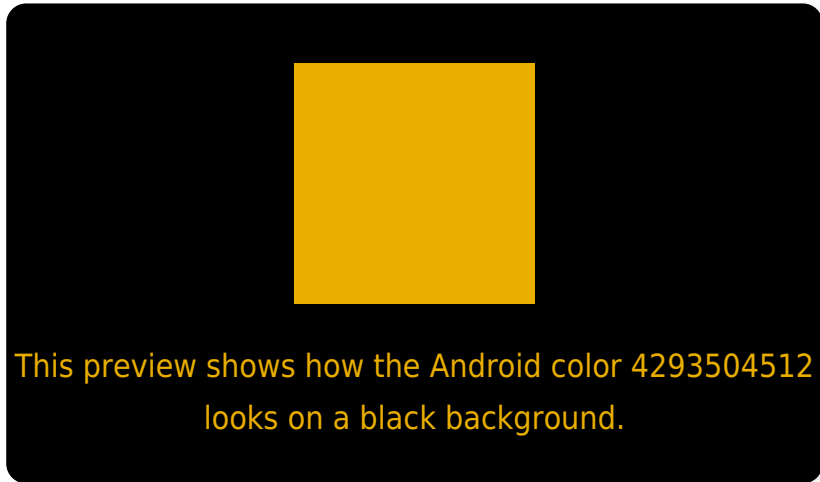
Large Text (above 18pt) WCAG AA × Fail

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 4293504512 Background



This preview shows how black text looks on a background with the Android color 4293504512.



This preview shows how white text looks on a background with the Android color 4293504512.

# 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**  
4293504512

**Protanopia**  
4291803149

**Deuteranopia**  
4293438976



# Trichromacy



**Original Color**  
4293504512

**Protanomaly**  
4292391944

**Deuteranomaly**  
4293438976

**Tritanomaly**  
4293830255

# Monochromacy



**Original Color**  
4293504512

**Achromatopsia**  
4289506476

**Achromatomaly**  
4290948461

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293504512 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(233, 174, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 0)  
}
```

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(233, 174, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293504512 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(233, 174, 0) }
```

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

```
.border{ border-color:rgb(233, 174, 0) }
```

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

Here you see how a box with a 4 pixel rgb(233, 174, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4293504512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 0) }
```

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

```
.background{ background-color: rgb(233,  
174, 0) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor