

# Converting Colors

Android(4293544976)

Have a look what the booklet for  
Android(4293544976) contains.

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**Color**

**Android(4293544976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA4C10
RGB	234, 76, 16
RGB Percent	92%, 30%, 6%
CMY	0.0824, 0.7020, 0.9373
CMYK	0.00, 0.68, 0.93, 0.08
HSL	17°, 87%, 49%
HSV	17°, 93%, 92%
XYZ	36.6097, 22.6987, 2.9420
YIQ	116.4020, 113.4280, 14.8360

# Conversions

## Conversions Part 2

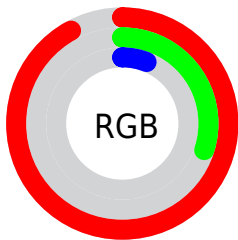
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 99, 16
Decimal	15354896
CIE <sub>Lab</sub>	54.76, 58.79, 61.99
CIE <sub>LCh</sub>	55, 85.433, 46.515
Yxy	22.6987, 0.5881, 0.3646
Android (android.graphics.Color)	4293544976 (0xFFEA4C10)
YUV	116.4020, -49.4982, 103.1334
Hunter-Lab	47.6432, 53.7862, 29.6891

# Details

The Android color **4293544976** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4279283434**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4294935623**, and **4289265664** is the 20% darker color. If you saturate the color by 10%, you get **4293541888**, and if you desaturate by 10%, it is **4293549351**.

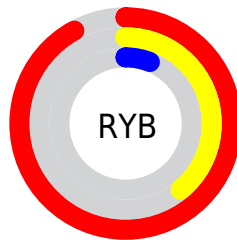
# Distribution



Red (92%)

Green (30%)

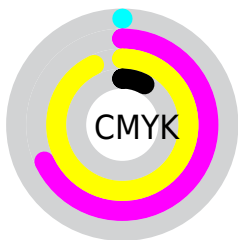
Blue (6%)



Red (92%)

Yellow (39%)

Blue (6%)

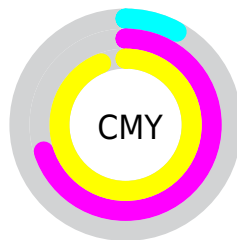


Cyan (0%)

Magenta (68%)

Yellow (93%)

Black (8%)



Cyan (8%)

Magenta (70%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293544976 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 4293544976 by changing the saturation by 10% instead.



 4293544976

 4293544976

4294967295

 4291374592

 4294935623

 4289265664

 4294942816

 4287168512


 4294950267

 4285136896

 4294957717

 4283170817

 4294965425

 4281270274

 4294967245

 4278190080

 4294967273

 4293544976

 4293544976

4293541888

4293549351

4293553727

4293558102

4293562478

4293566853

4293571228

4293575604

4293579979

4293584355

# Harmonies

## Analogous

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



4294905438



4293544976



4290409472

# Triad

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



4293544976



4278231134



4278222847

# Complementary

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



4293544976



4279283434

# 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.



4278228735



4293544976



4278231723

# Square

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



4293544976



4278229504



4278231278



4290140138

# Rectangle

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



4293544976



4287726848



4278231278



4278225151



# Sweetspot

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



4293544976



4294953912



4293529776



4286603348



4278190080



4286611584



# Same Dimension

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



4293544976



4294919680



4293572368



4285885802



4290064896



4281732864



# Inverse Universe

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



4279283434



4278237695



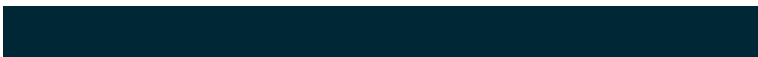
4279256042



4285166197



4278223797



4278200118



# Previews

## White Background



This preview shows how the Android color 4293544976 looks on a white background.

## Color Contrast Check

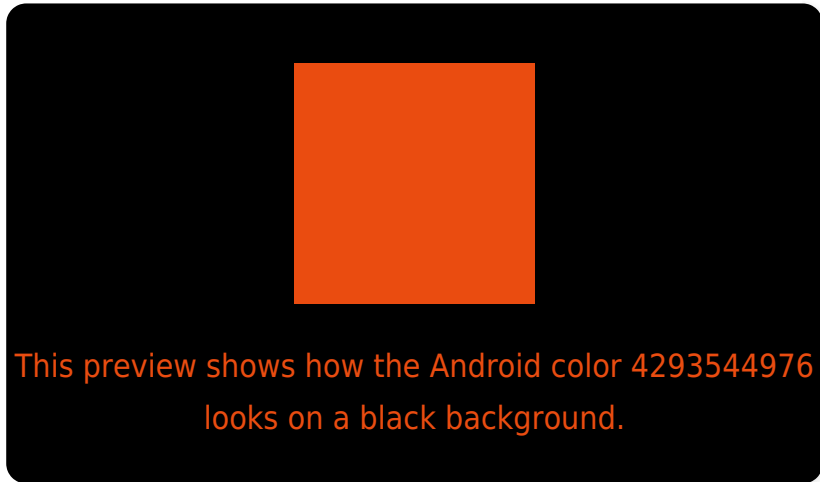
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293544976 Background



This preview shows how black text looks on a background with the Android color 4293544976.



This preview shows how white text looks on a background with the Android color 4293544976.

# 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**  
4293544976

**Protanopia**  
4287923231

**Deuteranopia**  
4289101056



# Trichromacy



**Original Color**  
4293544976

**Protanomaly**  
4289949722

**Deuteranomaly**  
4290734854

**Tritanomaly**  
4293609781

# Monochromacy



**Original Color**  
4293544976

**Achromatopsia**  
4285822068

**Achromatomaly**  
4288636240

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293544976 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(234, 76, 16)` looks like.

```
.text, #text, p{  
    color:rgb(234, 76, 16)  
}
```

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(234, 76, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 76, 16) }
```

## Border

The CSS property to change the border of an element to Android 4293544976 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(234, 76, 16) }
```

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

```
.border{ border-color:rgb(234, 76, 16) }
```

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

Here you see how a box with a 4 pixel rgb(234, 76, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 76, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 76, 16);  
box-shadow:4px 4px 4px 4px rgb(234, 76,  
16) }
```

# Background

The CSS property to change the background color of an element to Android 4293544976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 76, 16) }
```

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

```
.background{ background-color: rgb(234, 76,  
16) }
```

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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