

# Converting Colors

Android(4293480726)

Have a look what the booklet for  
Android(4293480726) contains.

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# Color

**Android(4293480726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E95116
RGB	233, 81, 22
RGB Percent	91%, 32%, 9%
CMY	0.0863, 0.6824, 0.9137
CMYK	0.00, 0.65, 0.91, 0.09
HSL	17°, 83%, 50%
HSV	17°, 91%, 91%
XYZ	36.6915, 23.2664, 3.3161
YIQ	119.7220, 109.5310, 13.8750

# Conversions

## Conversions Part 2

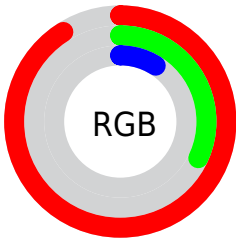
<b>Format</b>	<b>Color</b>
<b>RYB</b>	233, 104, 22
Decimal	15290646
CIELab	55.35, 56.54, 60.55
CIElCh	55, 82.846, 46.962
Yxy	23.2664, 0.5799, 0.3677
Android (android.graphics.Color)	4293480726 (0xFFE95116)
YUV	119.7220, -48.1769, 99.3448
Hunter-Lab	48.2353, 51.3693, 29.6886

# Details

The Android color **4293480726** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **4279676649**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4294936907**, and **4289269504** is the 20% darker color. If you saturate the color by 10%, you get **4293476608**, and if you desaturate by 10%, it is **4293485101**.

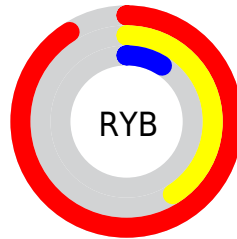
# Distribution



Red (91%)

Green (32%)

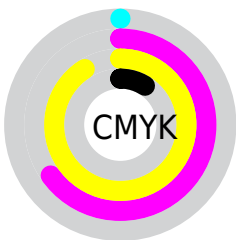
Blue (9%)



Red (91%)

Yellow (41%)

Blue (9%)

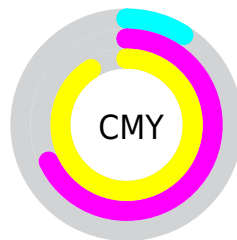


Cyan (0%)

Magenta (65%)

Yellow (91%)

Black (9%)



Cyan (9%)

Magenta (68%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293480726 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 4293480726 by changing the saturation by 10% instead.





4293480726



4293480726

4294967295



4291376128



4294936907



4289269504



4294944101



4287168512



4294951295



4285136896



4294958746



4283170817



4294966453



4281270274



4294967249



4278190080



4294967278



4293480726



4293480726

■ 4293476608

■ 4293485101

■ 4293489477

■ 4293493596

■ 4293497971

■ 4293502347

■ 4293506722

■ 4293510841

■ 4293515216

■ 4293519592

# Harmonies

## Analogous

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



4294910560



4293480726



4290409984

# Triad

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



4293480726



4278231393



4278223103

# Complementary

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



4293480726



4279676649

# 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



4293480726



4278231981

# Square

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



4293480726



4278229764



4278231533



4290271976

# Rectangle

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



4293480726



4287792896



4278231533



4278225407



# Sweetspot

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



4293480726



4294954426



4293465777



4286603863



4278190080



4286611584



# Same Dimension

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



4293480726



4294919936



4293507094



4285885802



4290065152



4281732864

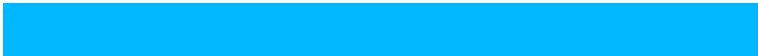


# Inverse Universe

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



4279676649



4278237439



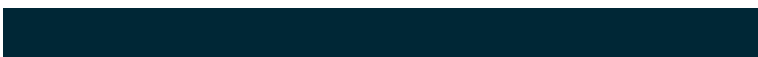
4279650281



4285166197



4278223541



4278200118



# Previews

## White Background



This preview shows how the Android color 4293480726 looks on a white background.

## Color Contrast Check

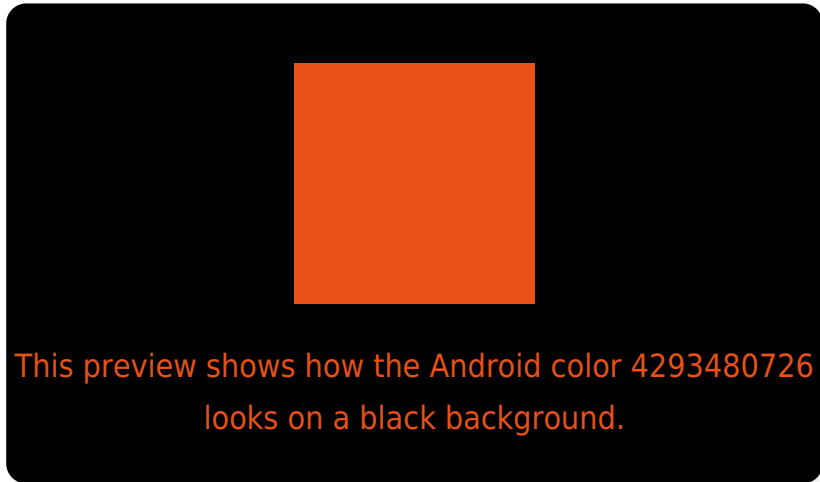
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293480726 Background



This preview shows how black text looks on a background with the Android color 4293480726.



This preview shows how white text looks on a background with the Android color 4293480726.

# 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



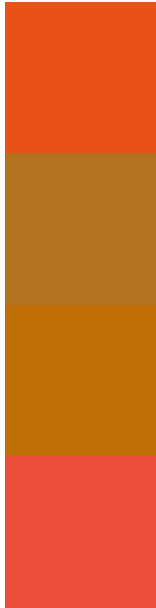
**Original Color**  
4293480726

**Protanopia**  
4287989027

**Deuteranopia**  
4289232384



# Trichromacy



**Original Color**  
4293480726

**Protanomaly**  
4290015774

**Deuteranomaly**  
4290801160

**Tritanomaly**  
4293545531

# Monochromacy



**Original Color**  
4293480726

**Achromatopsia**  
4286085240

**Achromatomaly**  
4288768596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293480726 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, 81, 22)` looks like.

```
.text, #text, p{  
    color:rgb(233, 81, 22)  
}
```

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, 81, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 81, 22) }
```

## Border

The CSS property to change the border of an element to Android 4293480726 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, 81, 22) }
```

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

```
.border{ border-color:rgb(233, 81, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 81, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 81, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 81, 22);  
box-shadow:4px 4px 4px 4px rgb(233, 81,  
22) }
```

# Background

The CSS property to change the background color of an element to Android 4293480726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 81, 22) }
```

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

```
.background{ background-color: rgb(233, 81,  
22) }
```

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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