

# Converting Colors

Android(4294532876)

Have a look what the booklet for  
Android(4294532876) contains.

<b>Android(4294532876)</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(4294532876)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F95F0C
RGB	249, 95, 12
RGB Percent	98%, 37%, 5%
CMY	0.0235, 0.6275, 0.9529
CMYK	0.00, 0.62, 0.95, 0.02
HSL	21°, 95%, 51%
HSV	21°, 95%, 98%
XYZ	43.2255, 28.3507, 3.5418
YIQ	131.5840, 118.4270, 6.8350

# Conversions

## Conversions Part 2

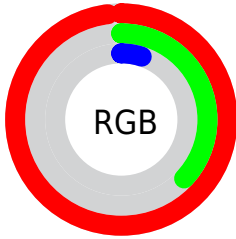
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 140, 12
Decimal	16342796
CIE Lab	60.20, 56.04, 67.54
CIE LCh	60, 87.764, 50.318
Yxy	28.3507, 0.5754, 0.3774
Android (android.graphics.Color)	4294532876 (0xFFFF95F0C)
YUV	131.5840, -58.9549, 102.9738
Hunter-Lab	53.2454, 51.7299, 33.3279

# Details

The Android color **4294532876** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **4279019257**, and the grayscale version is **4286874756**.

A 20% lighter version of the original color is **4294940232**, and **4290257920** is the 20% darker color. If you saturate the color by 10%, you get **4294530816**, and if you desaturate by 10%, it is **4294536997**.

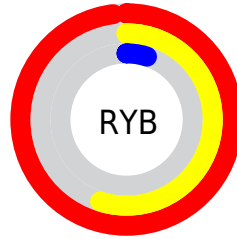
# Distribution



Red (98%)

Green (37%)

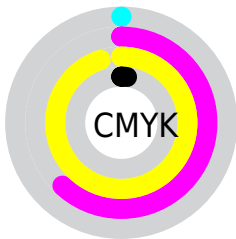
Blue (5%)



Red (98%)

Yellow (55%)

Blue (5%)

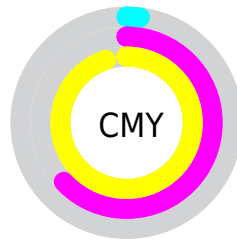


Cyan (0%)

Magenta (62%)

Yellow (95%)

Black (2%)



Cyan (2%)

Magenta (63%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294532876 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 4294532876 by changing the saturation by 10% instead.





4294532876



4294532876

4294967295



4292363008



4294940232



4290257920



4294947682



4288151552



4294954877



4286054400



4294962584



4284088320



4294967220



4282253315



4294967248



4279959553



4294967277



4278190080



4294532876



4294532876

4294530816

4294536997

4294541118

4294545495

4294549616

4294553736

4294557857

4294561978

4294566099

4294570476

# Harmonies

## Analogous

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



4294913633



4294532876



4291069184

# Triad

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



4294532876



4278235253



4281960703

# Complementary

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



4294532876



4279019257

# 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.



4278231807



4294532876



4278235845

# Square

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



4294532876



4278233627



4278235135



4291976949

# Rectangle

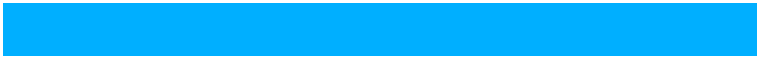
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294532876



4288189952



4278235135



4278227967



# Sweetspot

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



4294532876



4294954933



4294511782



4286604115



4278190080



4286611584



# Same Dimension

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



4294532876



4294924544



4294563084



4286412144



4290593280



4282193152

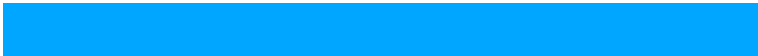


# Inverse Universe

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



4279019257



4278232831



4278989049



4285561213



4278221757



4278200381



# Previews

## White Background



This preview shows how the Android color 4294532876 looks on a white background.

## Color Contrast Check

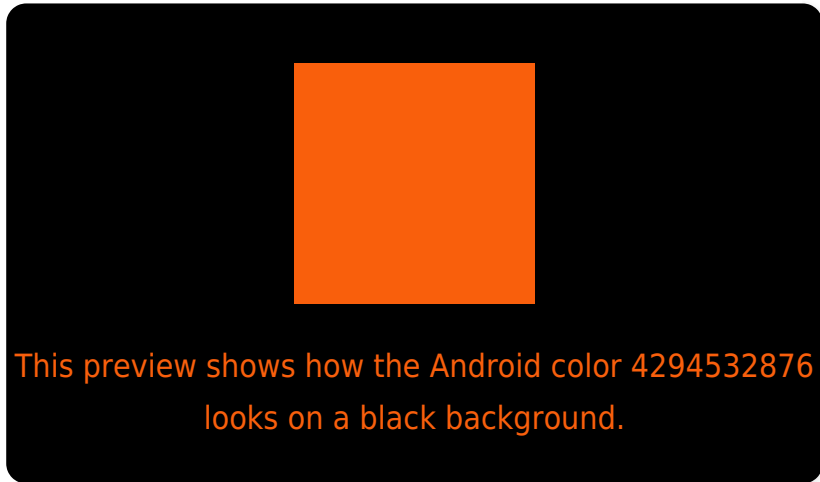
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294532876 Background



This preview shows how black text looks on a background with the Android color 4294532876.



This preview shows how white text looks on a background with the Android color 4294532876.

# 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**  
4294532876

**Protanopia**  
4288975388

**Deuteranopia**  
4290284032



# Trichromacy



**Original Color**  
4294532876

**Protanomaly**  
4291002134

**Deuteranomaly**  
4291852804

**Tritanomaly**  
4294597440

# Monochromacy



**Original Color**  
4294532876

**Achromatopsia**  
4286874756

**Achromatomaly**  
4289689432

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294532876 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(249, 95, 12)` looks like.

```
.text, #text, p{  
    color:rgb(249, 95, 12)  
}
```

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(249, 95, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 95, 12) }
```

## Border

The CSS property to change the border of an element to Android 4294532876 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(249, 95, 12) }
```

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

```
.border{ border-color:rgb(249, 95, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 95, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 95, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 95, 12);  
box-shadow:4px 4px 4px 4px rgb(249, 95,  
12) }
```

# Background

The CSS property to change the background color of an element to Android 4294532876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 95, 12) }
```

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

```
.background{ background-color: rgb(249, 95,  
12) }
```

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