

# Converting Colors

Android(4294944786)

Have a look what the booklet for  
Android(4294944786) contains.

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# **Color**

**Android(4294944786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA812
RGB	255, 168, 18
RGB Percent	100%, 66%, 7%
CMY	0.0000, 0.3412, 0.9294
CMYK	0.00, 0.34, 0.93, 0.00
HSL	38°, 100%, 54%
HSV	38°, 93%, 100%
XYZ	55.3518, 49.3089, 7.1725
YIQ	176.9130, 100.0020, -28.2060

# Conversions

## Conversions Part 2

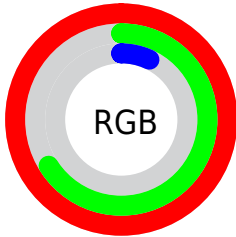
Format	Color
<a href="#">RYB</a>	<a href="#">155, 255, 18</a>
Decimal	<a href="#">16754706</a>
CIELab	<a href="#">75.64, 22.53, 77.23</a>
CIELCh	<a href="#">76, 80.451, 73.737</a>
Yxy	<a href="#">49.3089, 0.4949, 0.4409</a>
Android (android.graphics.Color)	<a href="#">4294944786</a> (0xFFFFA812)
YUV	<a href="#">176.9130, -78.3441, 68.4823</a>
Hunter-Lab	<a href="#">70.2203, 17.8187, 43.0982</a>

# Details

The Android color **4294944786** is a dark color, and the websafe version is hex **FF9900**, and the color name is **dark tangerine**. The color can be described as middle washed orange. A complement of this color would be **4279396863**, and the grayscale version is **4289901234**.

A 20% lighter version of the original color is **4294958934**, and **4290802688** is the 20% darker color. If you saturate the color by 10%, you get **4294942976**, and if you desaturate by 10%, it is **4294947116**.

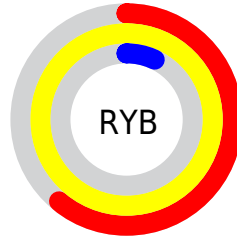
# Distribution



Red (100%)

Green (66%)

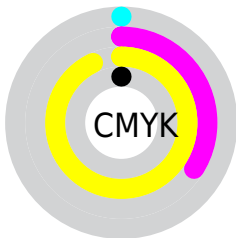
Blue (7%)



Red (61%)

Yellow (100%)

Blue (7%)

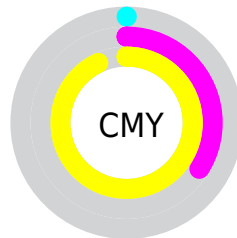


Cyan (0%)

Magenta (34%)

Yellow (93%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294944786 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 4294944786 by changing the saturation by 10% instead.





4294944786



4294944786

4294967295



4292840960



4294958934



4290802688



4294966386



4288830208



4294967182



4286792704



4294967211



4284886272



4294967240



4283045632



4294967269



4281270528



4278845440



4278190080

■ 4294944786

■ 4294944786

■ 4294942976

■ 4294947116

■ 4294949701

■ 4294952031

■ 4294954360

■ 4294956946

■ 4294959275

■ 4294961861

■ 4294964190

■ 4294966520

# Harmonies

## Analogous

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



4294936662



4294944786



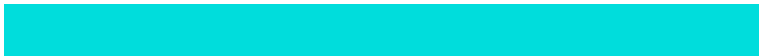
4290691584

# Triad

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



4294944786



4278246876



4293498879

# Complementary

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



4294944786



4279396863

# 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.



4284004351



4294944786



4278246143

# Square

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



4294944786



4278246030



4278243071



4294932198

# Rectangle

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



4294944786



4287221037



4278243071



4291207935



# Sweetspot

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



4294944786



4294960568



4294906477



4286607444



4278190080



4286611584



# Same Dimension

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



4294944786



4294942976



4293132050



4286610291



4290738432



4282394624



# Inverse Universe

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



4279396863



4278214399



4281209599



4285757312



4278208191



4278196032



# Previews

## White Background



This preview shows how the Android color 4294944786 looks on a white background.

## Color Contrast Check

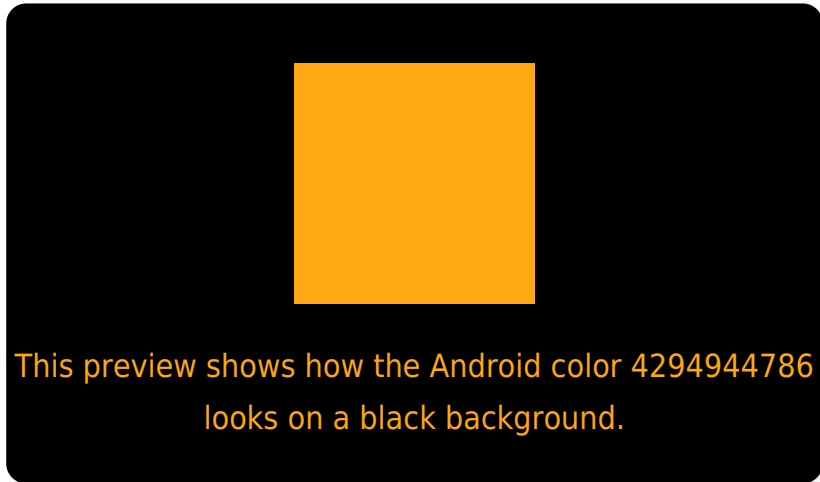
Large Text (above 18pt) WCAG AA × Fail

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 4294944786 Background



This preview shows how black text looks on a background with the Android color 4294944786.



This preview shows how white text looks on a background with the Android color 4294944786.

# 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**  
4294944786

**Protanopia**  
4292066073

**Deuteranopia**  
4293701888



**Tritanopia**  
4294942890

# Trichromacy



**Original Color**  
4294944786

**Protanomaly**  
4293112854

**Deuteranomaly**  
4294159879

**Tritanomaly**  
4294943603

# Monochromacy



**Original Color**  
4294944786

**Achromatopsia**  
4289835441

**Achromatomaly**  
4291669623

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294944786 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(255, 168, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 18)  
}
```

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(255, 168, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 18) }
```

## Border

The CSS property to change the border of an element to Android 4294944786 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(255, 168, 18) }
```

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

```
.border{ border-color:rgb(255, 168, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
18) }
```

# Background

The CSS property to change the background color of an element to Android 4294944786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 18) }
```

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

```
.background{ background-color: rgb(255,  
168, 18) }
```

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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