

# Converting Colors

Android(4294812178)

Have a look what the booklet for  
Android(4294812178) contains.

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# **Color**

**Android(4294812178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDA212
RGB	253, 162, 18
RGB Percent	99%, 64%, 7%
CMY	0.0078, 0.3647, 0.9294
CMYK	0.00, 0.36, 0.93, 0.01
HSL	37°, 98%, 53%
HSV	37°, 93%, 99%
XYZ	53.5375, 46.7670, 6.7775
YIQ	172.7930, 100.4600, -25.4920

# Conversions

## Conversions Part 2

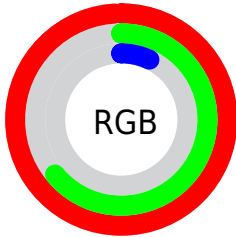
Format	Color
<a href="#">RYB</a>	<a href="#">167, 253, 18</a>
Decimal	<a href="#">16622098</a>
<a href="#">CIELab</a>	<a href="#">74.04, 24.82, 75.98</a>
<a href="#">CIELCh</a>	<a href="#">74, 79.933, 71.906</a>
<a href="#">Yxy</a>	<a href="#">46.7670, 0.5000, 0.4367</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294812178 (0xFFFDA212)</a>
<a href="#">YUV</a>	<a href="#">172.7930, -76.3129, 70.3415</a>
<a href="#">Hunter-Lab</a>	<a href="#">68.3864, 20.0658, 41.9945</a>

# Details

The Android color **4294812178** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **4279397885**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294957397**, and **4290670080** is the 20% darker color. If you saturate the color by 10%, you get **4294810368**, and if you desaturate by 10%, it is **4294814763**.

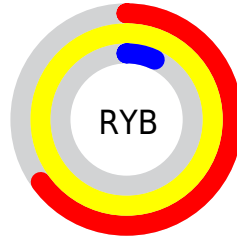
# Distribution



Red (99%)

Green (64%)

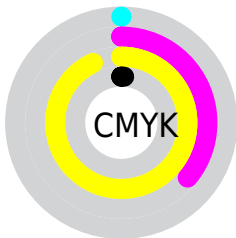
Blue (7%)



Red (65%)

Yellow (99%)

Blue (7%)

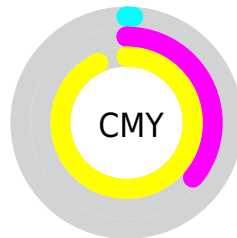


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294812178 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 4294812178 by changing the saturation by 10% instead.





4294812178



4294812178

4294967295



4292708352



4294957397



4290670080



4294964593



4288632320



4294967181



4286660096



4294967209



4284753664



4294967238



4282847488



4294967267



4281204736



4278190080



4294812178



4294812178

■ 4294810368

■ 4294814763

■ 4294817349

■ 4294819678

■ 4294822263

■ 4294824849

■ 4294827434

■ 4294830019

■ 4294832348

■ 4294834934

# Harmonies

## Analogous

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



4294935127



4294812178



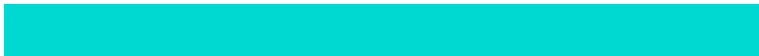
4290690048

# Triad

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



4294812178



4278245586



4292777471

# Complementary

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



4294812178



4279397885

# Split Complementary

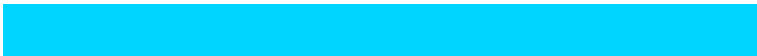
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282365439



4294812178



4278244863

# Square

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



4294812178



4278244742



4278242047



4294931685

# Rectangle

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



4294812178



4287285285



4278242047



4290420991

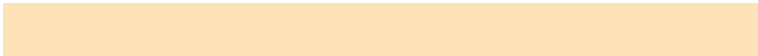


# Sweetspot

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



4294812178



4294960056



4294775408



4286607188



4278190080



4286611584



# Same Dimension

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



4294812178



4294941696



4293328146



4286610291



4290737408



4282394368



# Inverse Universe

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



4279397885



4278215679



4280881917



4285757568



4278209215



4278196544



# Previews

## White Background



This preview shows how the Android color 4294812178 looks on a white background.

## Color Contrast Check

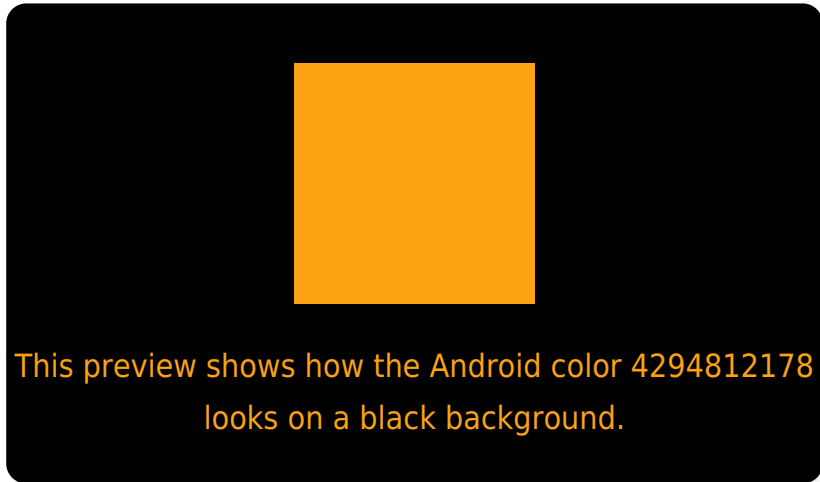
Large Text (above 18pt) WCAG AA × Fail

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 4294812178 Background



This preview shows how black text looks on a background with the Android color 4294812178.



This preview shows how white text looks on a background with the Android color 4294812178.

# 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**  
4294812178

**Protanopia**  
4291737369

**Deuteranopia**  
4293373184



**Tritanopia**  
4294941091

# Trichromacy



**Original Color**  
4294812178

**Protanomaly**  
4292849430

**Deuteranomaly**  
4293896455

**Tritanomaly**  
4294876270

# Monochromacy



**Original Color**  
4294812178

**Achromatopsia**  
4289572269

**Achromatomaly**  
4291471733

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294812178 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(253, 162, 18)` looks like.

```
.text, #text, p{  
    color:rgb(253, 162, 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(253, 162, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 162, 18) }
```

## Border

The CSS property to change the border of an element to Android 4294812178 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(253, 162, 18) }
```

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

```
.border{ border-color:rgb(253, 162, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 162, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 162, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 162, 18);  
box-shadow:4px 4px 4px 4px rgb(253, 162,  
18) }
```

# Background

The CSS property to change the background color of an element to Android 4294812178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 162, 18) }
```

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

```
.background{ background-color: rgb(253,  
162, 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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