

Converting Colors

Android(4294928691)

Have a look what the booklet for
Android(4294928691) contains.

Android(4294928691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294928691)

Conversions

Conversions Part 1

Format	Color
Hex	FF6933
RGB	255, 105, 51
RGB Percent	100%, 41%, 20%
CMY	0.0000, 0.5882, 0.8000
CMYK	0.00, 0.59, 0.80, 0.00
HSL	16°, 100%, 60%
HSV	16°, 80%, 100%
XYZ	46.8891, 31.6022, 6.7605
YIQ	143.6940, 106.7340, 15.0060

Conversions

Conversions Part 2

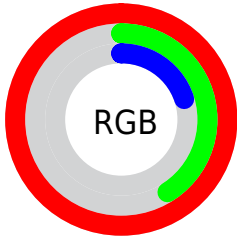
Format	Color
RYB	255, 124, 51
Decimal	16738611
CIELab	63.01, 54.50, 57.03
CIElCh	63, 78.889, 46.299
Yxy	31.6022, 0.5500, 0.3707
Android (android.graphics.Color)	4294928691 (0xFFFF6933)
YUV	143.6940, -45.6981, 97.6154
Hunter-Lab	56.2158, 50.5076, 32.2209

Details

The Android color **4294928691** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4281584127**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4294942822**, and **4290654464** is the 20% darker color. If you saturate the color by 10%, you get **4294923801**, and if you desaturate by 10%, it is **4294933581**.

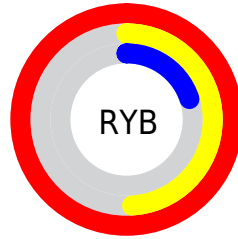
Distribution



Red (100%)

Green (41%)

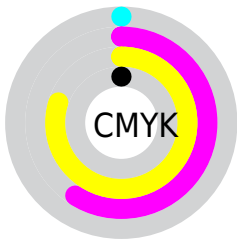
Blue (20%)



Red (100%)

Yellow (49%)

Blue (20%)

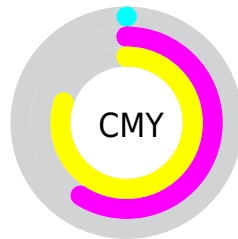


Cyan (0%)

Magenta (59%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294928691 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 4294928691 by changing the saturation by 10% instead.



4294928691



4294928691

4294967295



4292824345



4294942822



4290654464



4294950272



4288613120



4294957722



4286513152



4294965174



4284547072



4294967250



4282646529



4294967279



4280680449



4278190080



4294928691



4294928691

4294923801

4294933581

4294918912

4294938470

4294943104

4294947993

4294952883

4294957772

4294962406

4294967295

Harmonies

Analogous

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



4294921078



4294928691



4291987968

Triad

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



4294928691



4278236789



4282094847

Complementary

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



4294928691



4281584127

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.



4278233855



4294928691



4278237374

Square

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



4294928691



4281839403



4278236669



4291457787

Rectangle

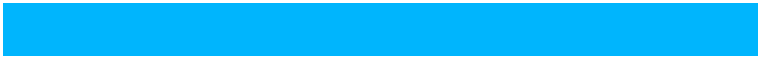
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294928691



4289370624



4278236669



4278230527

Sweetspot

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



4294928691



4294955714



4294915020



4286604379



4278190080



4286611584

Same Dimension

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



4294928691



4294920970



4294954035



4286609011



4290720512



4282388736

Inverse Universe

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



4281584127



4278894335



4281558783



4285758592



4278226367



4278202176

Previews

White Background



This preview shows how the Android color 4294928691 looks on a white background.

Color Contrast Check

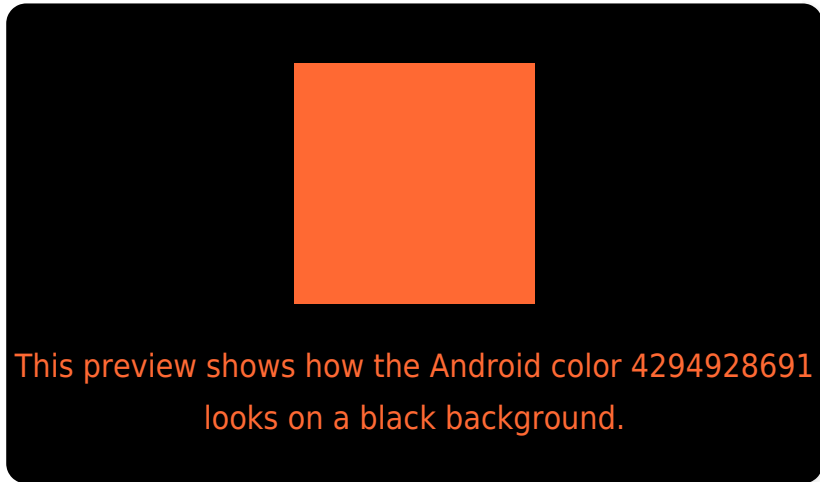
Large Text (above 18pt) WCAG AA × Fail

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 4294928691 Background



This preview shows how black text looks on a background with the Android color 4294928691.



This preview shows how white text looks on a background with the Android color 4294928691.

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





Tritanopia
4294927723

Trichromacy



Original Color
4294928691

Protanomaly
4291397691

Deuteranomaly
4292313643

Tritanomaly
4294927959

Monochromacy



Original Color
4294928691

Achromatopsia
4287664272

Achromatomaly
4290282094

CSS Examples

Text

The CSS property to change the color of the text to Android 4294928691 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, 105, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 51)  
}
```

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, 105, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 51) }
```

Border

The CSS property to change the border of an element to Android 4294928691 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, 105, 51) }
```

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

```
.border{ border-color:rgb(255, 105, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4294928691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 51) }
```

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

```
.background{ background-color: rgb(255,  
105, 51) }
```

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