

Converting Colors

Android(4294096684)

Have a look what the booklet for
Android(4294096684) contains.

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Color

Android(4294096684)

Conversions

Conversions Part 1

Format	Color
Hex	F2B72C
RGB	242, 183, 44
RGB Percent	95%, 72%, 17%
CMY	0.0510, 0.2824, 0.8275
CMYK	0.00, 0.24, 0.82, 0.05
HSL	42°, 88%, 56%
HSV	42°, 82%, 95%
XYZ	54.0061, 52.9261, 9.7522
YIQ	184.7950, 79.7830, -30.7210

Conversions

Conversions Part 2

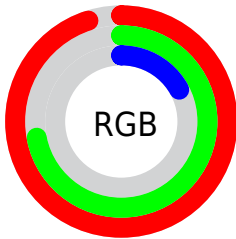
Format	Color
R_{YB}	128, 242, 44
Decimal	15906604
CIE _{Lab}	77.83, 9.69, 72.29
CIE _{LCh}	78, 72.940, 82.369
Yxy	52.9261, 0.4628, 0.4536
Android (android.graphics.Color)	4294096684 (0xFFFF2B72C)
YUV	184.7950, -69.4119, 50.1688
Hunter-Lab	72.7503, 5.1961, 42.9774

Details

The Android color **4294096684** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **4281100274**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4294963047**, and **4290085376** is the 20% darker color. If you saturate the color by 10%, you get **4294094868**, and if you desaturate by 10%, it is **4294098500**.

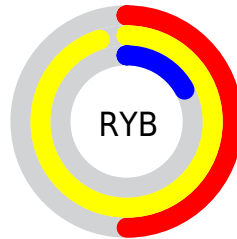
Distribution



Red (95%)

Green (72%)

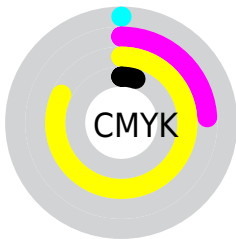
Blue (17%)



Red (50%)

Yellow (95%)

Blue (17%)

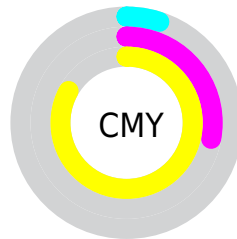


Cyan (0%)

Magenta (24%)

Yellow (82%)

Black (5%)



Cyan (5%)

Magenta (28%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294096684 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 4294096684 by changing the saturation by 10% instead.



4294096684



4294096684

4294967295



4292058112



4294963047



4290085376



4294967170



4288112896



4294967199



4286206464



4294967227



4284300032



4294967256



4282524928



4294967285



4280815872



4278255616



4278190080

4294096684

4294096684

4294094868

4294098500

4294093312

4294100316

4294102389

4294104205

4294106021

4294107837

4294109653

4294111726

4294113535

Harmonies

Analogous

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



4294941782



4294096684



4289907765

Triad

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



4294096684



4278247922



4294940927

Complementary

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



4294096684



4281100274

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.



4288788223



4294096684



4278246399

Square

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



4294096684



4278247596



4278242815



4294935253

Rectangle

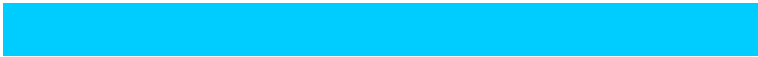
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294096684



4286436949



4278242815



4293436159

Sweetspot

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



4294096684



4294962367



4294061159



4286608473



4278190080



4286611584

Same Dimension

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



4294096684



4294948101



4291490348



4286084204



4290281728



4281870080

Inverse Universe

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



4281100274



4278538495



4283706610



4285296504



4278204344



4278194488

Previews

White Background



This preview shows how the Android color 4294096684 looks on a white background.

Color Contrast Check

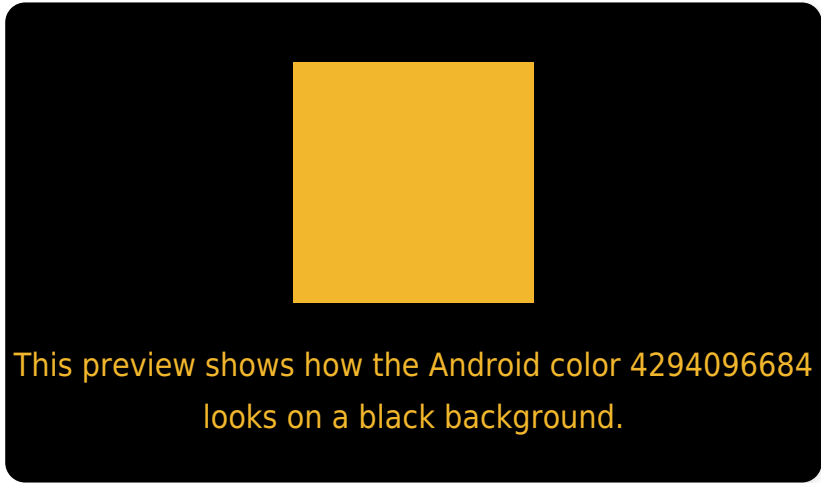
Large Text (above 18pt) WCAG AA × Fail

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 4294096684 Background



This preview shows how black text looks on a background with the Android color 4294096684.



This preview shows how white text looks on a background with the Android color 4294096684.

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
4294096684

Protanopia
4292460847

Deuteranopia
4294162220



Tritanopia
4294683576

Trichromacy



Original Color
4294096684

Protanomaly
4293049646

Deuteranomaly
4294162220

Tritanomaly
4294487941

Monochromacy



Original Color
4294096684

Achromatopsia
4290361785

Achromatomaly
4291737734

CSS Examples

Text

The CSS property to change the color of the text to Android 4294096684 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(242, 183, 44)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 44)  
}
```

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(242, 183, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 44) }
```

Border

The CSS property to change the border of an element to Android 4294096684 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(242, 183, 44) }
```

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

```
.border{ border-color:rgb(242, 183, 44) }
```

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

Here you see how a box with a 4 pixel rgb(242, 183, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 44);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
44) }
```

Background

The CSS property to change the background color of an element to Android 4294096684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 44) }
```

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

```
.background{ background-color: rgb(242,  
183, 44) }
```

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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