

Converting Colors

Android(4293966646)

Have a look what the booklet for
Android(4293966646) contains.

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Color

Android(4293966646)

Conversions

Conversions Part 1

Format	Color
Hex	F0BB36
RGB	240, 187, 54
RGB Percent	94%, 73%, 21%
CMY	0.0588, 0.2667, 0.7882
CMYK	0.00, 0.22, 0.78, 0.06
HSL	43°, 86%, 58%
HSV	43°, 78%, 94%
XYZ	54.3714, 54.3323, 11.1115
YIQ	187.6850, 74.2810, -30.1270

Conversions

Conversions Part 2

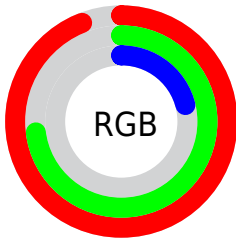
Format	Color
R _Y B	128, 240, 54
Decimal	15776566
CIE Lab	78.66, 7.07, 69.74
CIE LCh	79, 70.094, 84.214
Yxy	54.3323, 0.4538, 0.4535
Android (android.graphics.Color)	4293966646 (0xFFFF0BB36)
YUV	187.6850, -65.9067, 45.8803
Hunter-Lab	73.7104, 2.6746, 42.6596

Details

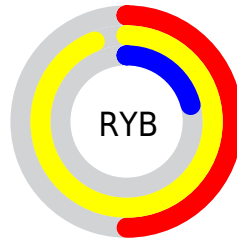
The Android color `4293966646` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4281756656`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4294964079`, and `4289955328` is the 20% darker color. If you saturate the color by 10%, you get `4293964830`, and if you desaturate by 10%, it is `4293968462`.

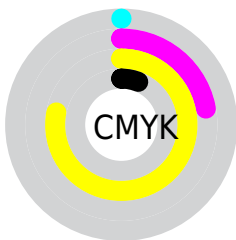
Distribution



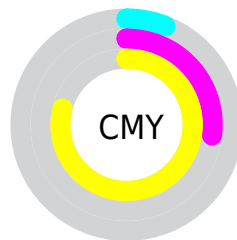
- Red (94%)
- Green (73%)
- Blue (21%)



- Red (50%)
- Yellow (94%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (78%)
- Black (6%)



















- Cyan (6%)
- Magenta (27%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293966646 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 4293966646 by changing the saturation by 10% instead.

 4293966646	 4293966646
4294967295	 4291928082
 4294964079	 4289955328
 4294967178	 4288048384
 4294967206	 4286141696
 4294967235	 4284235264
 4294967264	 4282460416
4294967293	 4280816896
	 4278386688
	 4278190080

4293966646

4293966646

4293964830

4293968462

4293963014

4293970278

4293962752

4293972094

4293973654

4293975470

4293977286

4293979102

4293980918

4293982719

Harmonies

Analogous

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



4294943321



4293966646



4289908545

Triad

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



4293966646



4278248182



4294941695

Complementary

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



4293966646



4281756656

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.



4289640447



4293966646



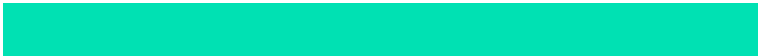
4278246655

Square

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



4293966646



4278247859



4278243071



4294936530

Rectangle

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



4293966646



4286503008



4278243071



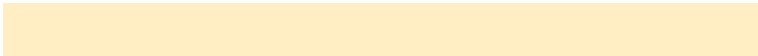
4293829887

Sweetspot

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



4293966646



4294962884



4293932654



4286608732



4278190080



4286611584

Same Dimension

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



4293966646



4294949650



4291555382



4286084204



4290282240



4281870336

Inverse Universe

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



4281756656



4279391743



4284167920



4285296504



4278203576



4278194232

Previews

White Background



This preview shows how the Android color 4293966646 looks on a white background.

Color Contrast Check

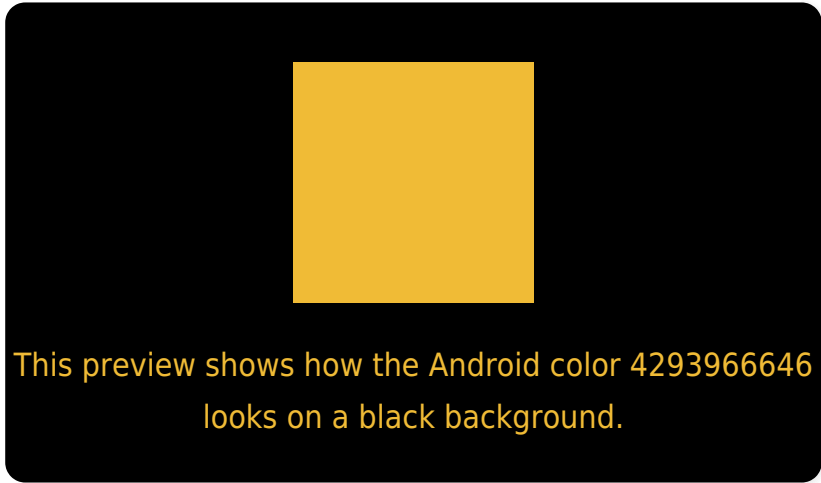
Large Text (above 18pt) WCAG AA × Fail

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 4293966646 Background



This preview shows how black text looks on a background with the Android color 4293966646.



This preview shows how white text looks on a background with the Android color 4293966646.

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


4293966646

Protanopia

4292592440

Deuteranopia

4294293815



Tritanopia
4294553532

Trichromacy



Original Color
4293966646

Protanomaly
4293115959

Deuteranomaly
4294162999

Tritanomaly
4294357899

Monochromacy



Original Color
4293966646

Achromatopsia
4290559164

Achromatomaly
4291804299

CSS Examples

Text

The CSS property to change the color of the text to Android 4293966646 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(240, 187, 54)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 54)  
}
```

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(240, 187, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 54) }
```

Border

The CSS property to change the border of an element to Android 4293966646 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(240, 187, 54) }
```

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

```
.border{ border-color:rgb(240, 187, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 54);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4293966646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 54) }
```

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

```
.background{ background-color: rgb(240,  
187, 54) }
```

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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