

Converting Colors

Android(4294096962)

Have a look what the booklet for
Android(4294096962) contains.

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Color

Android(4294096962)

Conversions

Conversions Part 1

Format	Color
Hex	F2B842
RGB	242, 184, 66
RGB Percent	95%, 72%, 26%
CMY	0.0510, 0.2784, 0.7412
CMYK	0.00, 0.24, 0.73, 0.05
HSL	40°, 87%, 60%
HSV	40°, 73%, 95%
XYZ	54.7418, 53.5516, 12.6055
YIQ	187.8900, 72.4460, -24.4020

Conversions

Conversions Part 2

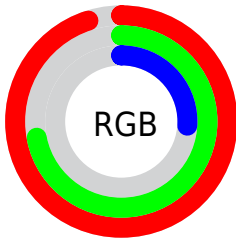
Format	Color
RYB	153, 242, 66
Decimal	15906882
CIELab	78.20, 9.97, 64.94
CIELCh	78, 65.698, 81.271
Yxy	53.5516, 0.4528, 0.4429
Android (android.graphics.Color)	4294096962 (0xFFFF2B842)
YUV	187.8900, -60.0918, 47.4545
Hunter-Lab	73.1789, 5.4645, 41.0122

Details

The Android color `4294096962` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light washed orange. A complement of this color would be `4282547442`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4294963321`, and `4290085632` is the 20% darker color. If you saturate the color by 10%, you get `4294094890`, and if you desaturate by 10%, it is `4294099034`.

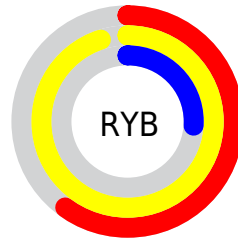
Distribution



Red (95%)

Green (72%)

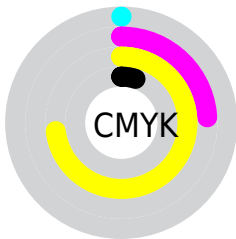
Blue (26%)



Red (60%)

Yellow (95%)

Blue (26%)

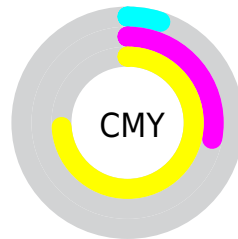


Cyan (0%)

Magenta (24%)

Yellow (73%)

Black (5%)



Cyan (5%)

















Magenta (28%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294096962 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 4294096962 by changing the saturation by 10% instead.

 4294096962	 4294096962
4294967295	 4292058405
 4294963321	 4290085632
 4294967188	 4288178688
 4294967216	 4286272000
 4294967244	 4284431104
 4294967273	 4282590720
	 4280947200
	 4278583296
	 4278190080

■ 4294096962

■ 4294096962

■ 4294094890

■ 4294099034

■ 4294092818

■ 4294101106

■ 4294091264

■ 4294103179

■ 4294105251

■ 4294107323

■ 4294109395

■ 4294111467

■ 4294113535

■ 4294115327

Harmonies

Analogous

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



4294942820



4294096962



4290300743

Triad

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



4294096962



4278247404



4294680575

Complementary

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



4294096962



4282547442

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.



4289051135



4294096962



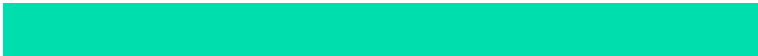
4278246143

Square

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



4294096962



4278247085



4278242815



4294937814

Rectangle

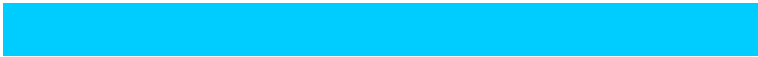
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294096962



4287288417



4278242815



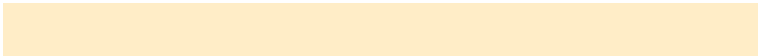
4293110015

Sweetspot

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



4294096962



4294962631



4294066813



4286608734



4278190080



4286611584

Same Dimension

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



4294096962



4294948385



4292211266



4286084204



4290280192



4281869824

Inverse Universe

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



4282547442



4280380159



4284433138



4285296760



4278205880



4278194744

Previews

White Background



This preview shows how the Android color 4294096962 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



This preview shows how the Android color 4294096962 looks on a 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 4294096962 Background



This preview shows how black text looks on a background with the Android color 4294096962.



This preview shows how white text looks on a background with the Android color 4294096962.

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
4294096962

Protanopia
4292395589

Deuteranopia
4294096962



Tritanopia
4294618297

Trichromacy



Original Color
4294096962

Protanomaly
4292984388

Deuteranomaly
4294096962

Tritanomaly
4294422670

Monochromacy



Original Color
4294096962

Achromatopsia
4290559164

Achromatomaly
4291869584

CSS Examples

Text

The CSS property to change the color of the text to Android 4294096962 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, 184, 66)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 66)  
}
```

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, 184, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 66) }
```

Border

The CSS property to change the border of an element to Android 4294096962 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, 184, 66) }
```

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

```
.border{ border-color:rgb(242, 184, 66) }
```

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

Here you see how a box with a 4 pixel rgb(242, 184, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 66);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4294096962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 66) }
```

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

```
.background{ background-color: rgb(242,  
184, 66) }
```

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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