

Converting Colors

Android(4294098022)

Have a look what the booklet for
Android(4294098022) contains.

Android(4294098022)	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(4294098022)

Conversions

Conversions Part 1

Format	Color
Hex	F2BC66
RGB	242, 188, 102
RGB Percent	95%, 74%, 40%
CMY	0.0510, 0.2627, 0.6000
CMYK	0.00, 0.22, 0.58, 0.05
HSL	37°, 84%, 67%
HSV	37°, 58%, 95%
XYZ	56.9994, 55.8030, 20.3372
YIQ	194.3420, 59.7900, -15.2980

Conversions

Conversions Part 2

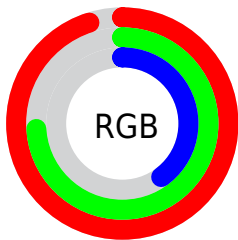
Format	Color
RYB	190, 242, 102
Decimal	15907942
CIELab	79.50, 10.00, 50.33
CIELCh	80, 51.317, 78.762
Yxy	55.8030, 0.4281, 0.4191
Android (android.graphics.Color)	4294098022 (0xFFFF2BC66)
YUV	194.3420, -45.5246, 41.7961
Hunter-Lab	74.7014, 5.4735, 36.1495

Details

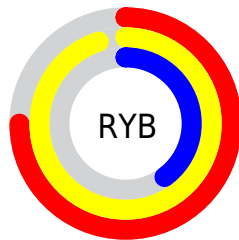
The Android color `4294098022` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4284914930`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4294964379`, and `4290217779` is the 20% darker color. If you saturate the color by 10%, you get `4294095694`, and if you desaturate by 10%, it is `4294100350`.

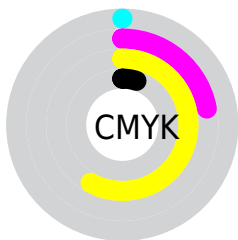
Distribution



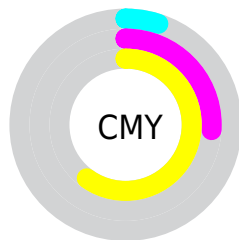
- Red (95%)
- Green (74%)
- Blue (40%)



- Red (75%)
- Yellow (95%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (58%)
- Black (5%)



















- Cyan (5%)
- Magenta (26%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294098022 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 4294098022 by changing the saturation by 10% instead.

 4294098022	 4294098022
 4294967295	 4292125004
 4294964379	 4290217779
 4294967223	 4288310808
 4294967251	 4286403840
 4294967279	 4284628480
	 4282853632
	 4281144320
	 4279369728
	 4278190080

4294098022

4294098022

4294095694

4294100350

4294093110

4294102934

4294090781

4294105263

4294088453

4294107591

4294087936

4294110175

4294112503

4294114815

4294115327

Harmonies

Analogous

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



4294945663



4294098022



4291153000

Triad

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



4294098022



4278247138



4293897727

Complementary

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



4294098022



4284914930

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.



4289576959



4294098022



4278245887

Square

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



4294098022



4282506673



4282961919



4294942937

Rectangle

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



4294098022



4288795768



4282961919



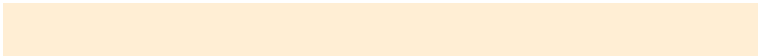
4292654079

Sweetspot

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



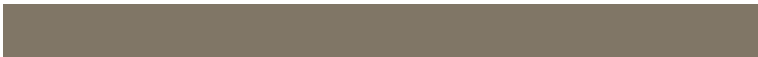
4294098022



4294962900



4294076062



4286608998



4278190080



4286611584

Same Dimension

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



4294098022



4294949711



4293194342



4286083948



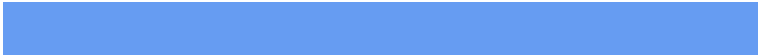
4290277632



4281868800

Inverse Universe

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



4284914930



4283405311



4285818610



4285296760



4278208440



4278195768

Previews

White Background



This preview shows how the Android color 4294098022 looks on a white background.

Color Contrast Check

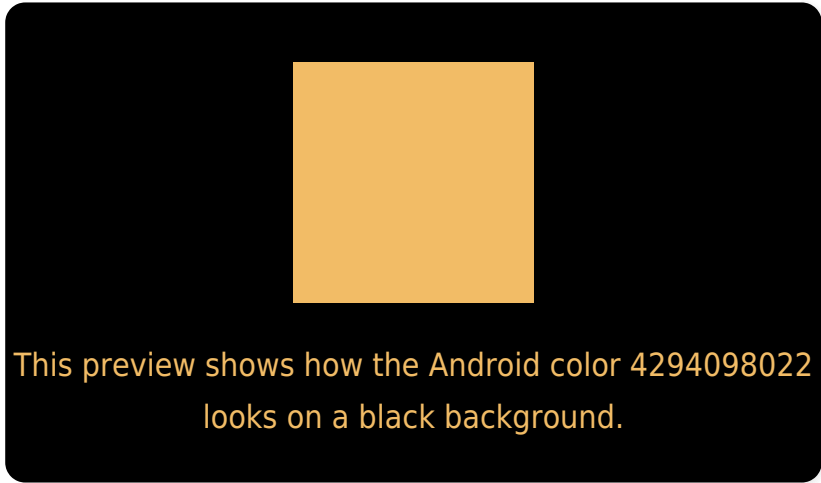
Large Text (above 18pt) WCAG AA × Fail

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 4294098022 Background



This preview shows how black text looks on a background with the Android color 4294098022.




This preview shows how white text looks on a background with the Android color 4294098022.

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
4294554303

Trichromacy



Original Color
4294098022

Protanomaly
4293050984

Deuteranomaly
4294098022

Tritanomaly
4294358687

Monochromacy



Original Color
4294098022

Achromatopsia
4290953922

Achromatomaly
4292067489

CSS Examples

Text

The CSS property to change the color of the text to Android 4294098022 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, 188, 102)` looks like.

```
.text, #text, p{  
    color:rgb(242, 188, 102)  
}
```

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, 188, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 188, 102) }
```

Border

The CSS property to change the border of an element to Android 4294098022 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, 188, 102) }
```

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

```
.border{ border-color:rgb(242, 188, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 188, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 188, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 188, 102); box-shadow:4px 4px 4px 4px rgb(242, 188, 102) }
```

Background

The CSS property to change the background color of an element to Android 4294098022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 188, 102) }
```

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

```
.background{ background-color: rgb(242,  
188, 102) }
```

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