

Converting Colors

Android(4293702464)

Have a look what the booklet for
Android(4293702464) contains.

Android(4293702464)	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(4293702464)

Conversions

Conversions Part 1

Format	Color
Hex	ECB340
RGB	236, 179, 64
RGB Percent	93%, 70%, 25%
CMY	0.0745, 0.2980, 0.7490
CMYK	0.00, 0.24, 0.73, 0.07
HSL	40°, 82%, 59%
HSV	40°, 73%, 93%
XYZ	51.6376, 50.4432, 11.8654
YIQ	182.9330, 70.8870, -23.6810

Conversions

Conversions Part 2

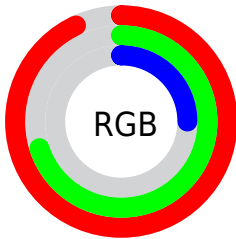
Format	Color
RYB	149, 236, 64
Decimal	15512384
CIELab	76.34, 9.97, 63.68
CIElCh	76, 64.454, 81.104
Yxy	50.4432, 0.4532, 0.4427
Android (android.graphics.Color)	4293702464 (0xFFECB340)
YUV	182.9330, -58.6340, 46.5398
Hunter-Lab	71.0234, 5.4875, 39.8112

Details

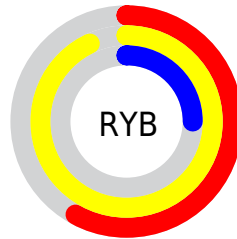
The Android color `4293702464` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted orange. A complement of this color would be `4282415596`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4294962038`, and `4289756928` is the 20% darker color. If you saturate the color by 10%, you get `4293700392`, and if you desaturate by 10%, it is `4293704536`.

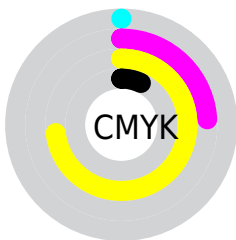
Distribution



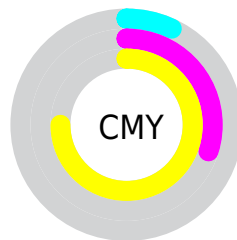
- Red (93%)
- Green (70%)
- Blue (25%)



- Red (58%)
- Yellow (93%)
- Blue (25%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293702464 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 4293702464 by changing the saturation by 10% instead.



4293702464



4293702464

4294967295



4291729443



4294962038



4289756928



4294967186



4287784448



4294967213



4285943296



4294967242



4284036864



4294967271



4282262016



4280618496



4278190080



4293702464



4293702464

 4293700392

 4293704536

 4293698321

 4293706607

 4293697024

 4293708423

 4293710494

 4293712566

 4293714638

 4293716709

 4293718781

 4293720575

Harmonies

Analogous

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



4294941793



4293702464



4290037317

Triad

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



4293702464



4278245861



4294220799

Complementary

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



4293702464



4282415596

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.



4288722175



4293702464



4278244607

Square

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



4293702464



4278245544



4278241535



4294937041

Rectangle

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



4293702464



4287090526



4278241535



4292715519

Sweetspot

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



4293702464



4294962375



4293673081



4286608734



4278190080



4286611584

Same Dimension

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



4293702464



4294948129



4291816512



4285886826



4290083072



4281738240

Inverse Universe

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



4282415596



4280380415



4284301548



4285164917



4278205621



4278194742

Previews

White Background



This preview shows how the Android color 4293702464 looks on a white background.

Color Contrast Check

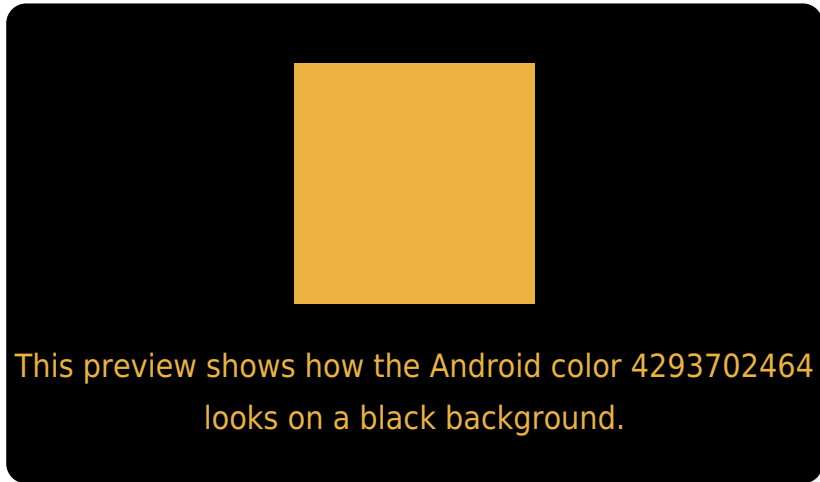
Large Text (above 18pt) WCAG AA × Fail

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 4293702464 Background



This preview shows how black text looks on a background with the Android color 4293702464.



This preview shows how white text looks on a background with the Android color 4293702464.

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
4293702464

Protanopia
4292066627

Deuteranopia
4293702464

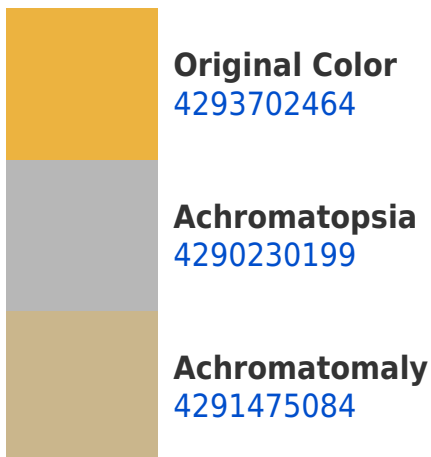


Tritanopia
4294224052

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4293702464 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(236, 179, 64)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 64)  
}
```

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(236, 179, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 64) }
```

Border

The CSS property to change the border of an element to Android 4293702464 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(236, 179, 64) }
```

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

```
.border{ border-color:rgb(236, 179, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 64);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4293702464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 64) }
```

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

```
.background{ background-color: rgb(236,  
179, 64) }
```

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