

Converting Colors

Android(4293849766)

Have a look what the booklet for
Android(4293849766) contains.

Android(4293849766)	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(4293849766)

Conversions

Conversions Part 1

Format	Color
Hex	EEF2A6
RGB	238, 242, 166
RGB Percent	93%, 95%, 65%
CMY	0.0667, 0.0510, 0.3490
CMYK	0.02, 0.00, 0.31, 0.05
HSL	63°, 75%, 80%
HSV	63°, 31%, 95%
XYZ	73.8950, 84.4346, 48.4792
YIQ	232.1400, 22.0120, -24.4840

Conversions

Conversions Part 2

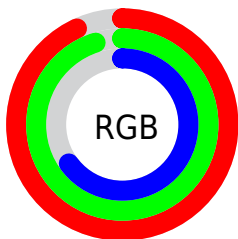
Format	Color
RYB	166, 242, 170
Decimal	15659686
CIELab	93.64, -12.82, 36.31
CIELCh	94, 38.511, 109.451
Yxy	84.4346, 0.3573, 0.4083
Android (android.graphics.Color)	4293849766 (0xFFEEF2A6)
YUV	232.1400, -32.6070, 5.1392
Hunter-Lab	91.8883, -17.2579, 33.0411

Details

The Android color `4293849766` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4289373938`, and the grayscale version is `4293454056`.

A 20% lighter version of the original color is `4294967262`, and `4290099825` is the 20% darker color. If you saturate the color by 10%, you get `4293784206`, and if you desaturate by 10%, it is `4293915326`.

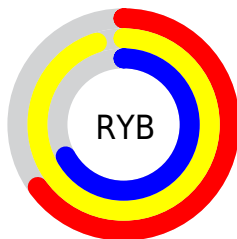
Distribution



Red (93%)

Green (95%)

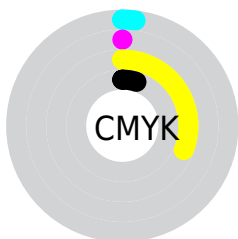
Blue (65%)



Red (65%)

Yellow (95%)

Blue (67%)

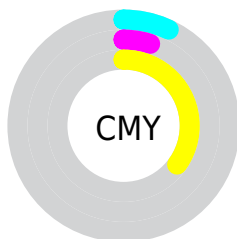


Cyan (2%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293849766 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 4293849766 by changing the saturation by 10% instead.

 4293849766

 4293849766

4294967295

 4291942027

 4294967262

 4290099825

 4294967290

 4288323416

 4286547263

 4284836904

 4283192335

 4281613312

 4280035072

 4278195200

 4293849766

 4293849766

 4293784206

 4293915326

 4293653110

 4294046422

 4293587549

 4294111983

 4293521989

 4294177535

 4293456429

 4294243071

 4293325333

 4294374143

 4293259776

 4294439679

 4294505215

 4294570751

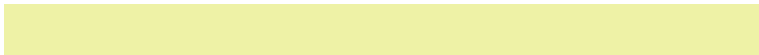
Harmonies

Analogous

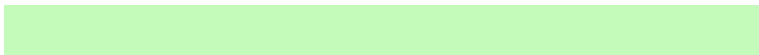
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294960804



4293849766



4291099579

Triad

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



4293849766



4286447103



4294955771

Complementary

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



4293849766



4289373938

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.



4294958079



4293849766



4289328383

Square

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



4293849766



4286185471



4292929791



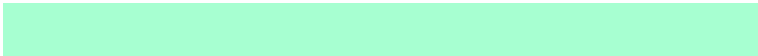
4294955734

Rectangle

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



4293849766



4289200081



4292929791



4294956287

Sweetspot

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



4293849766



4294901736



4294093478



4286546033



4278190080



4286611584

Same Dimension

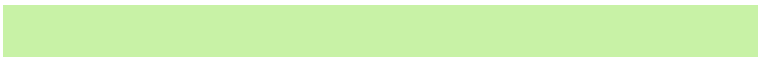
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4293849766



4294639518



4291359398



4286019692



4289640448



4281677824

Inverse Universe

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



4289373938



4288913151



4291864306



4285295736



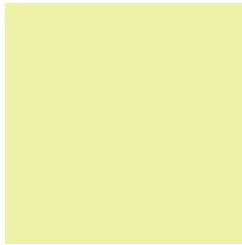
4278845624



4278386744

Previews

White Background



This preview shows how the Android color 4293849766 looks on a white background.

Color Contrast Check

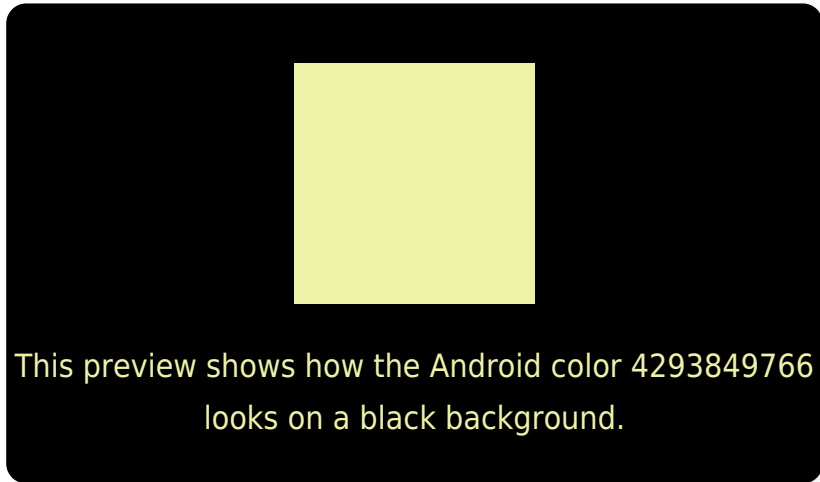
Large Text (above 18pt) WCAG AA × Fail

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

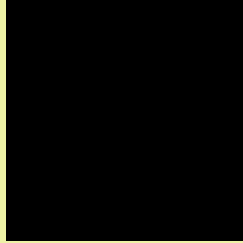
Any Text WCAG AA ✓ Pass

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 4293849766 Background



This preview shows how black text looks on a background with the Android color 4293849766.

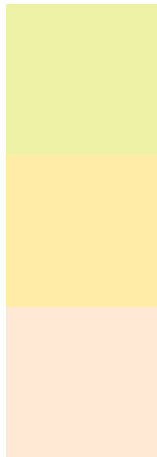


This preview shows how white text looks on a background with the Android color 4293849766.

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
4293849766

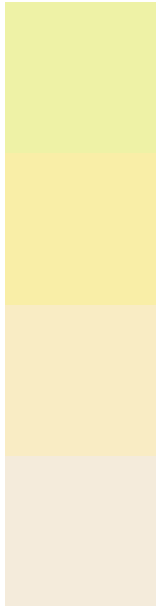
Protanopia
4294962343

Deuteranopia
4294961621



Tritanopia
4294502394

Trichromacy



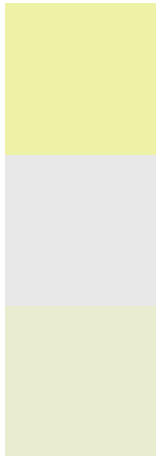
Original Color
4293849766

Protanomaly
4294569639

Deuteranomaly
4294569156

Tritanomaly
4294241243

Monochromacy



Original Color
4293849766

Achromatopsia
4293454056

Achromatomaly
4293586128

CSS Examples

Text

The CSS property to change the color of the text to Android 4293849766 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(238, 242, 166)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 166)  
}
```

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(238, 242, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 166) }
```

Border

The CSS property to change the border of an element to Android 4293849766 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(238, 242, 166) }
```

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

```
.border{ border-color:rgb(238, 242, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 166);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4293849766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 166) }
```

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

```
.background{ background-color: rgb(238,  
242, 166) }
```

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