

Converting Colors

Android(4293585776)

Have a look what the booklet for
Android(4293585776) contains.

Android(4293585776)	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(4293585776)

Conversions

Conversions Part 1

Format	Color
Hex	EAEB70
RGB	234, 235, 112
RGB Percent	92%, 92%, 44%
CMY	0.0824, 0.0784, 0.5608
CMYK	0.00, 0.00, 0.52, 0.08
HSL	60°, 75%, 68%
HSV	60°, 52%, 92%
XYZ	66.5646, 78.0789, 26.8916
YIQ	220.6790, 38.8870, -38.4650

Conversions

Conversions Part 2

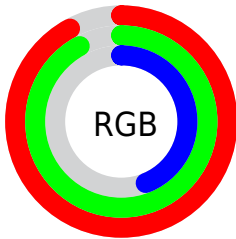
Format	Color
RYB	112, 235, 113
Decimal	15395696
CIELab	90.82, -16.39, 58.68
CIELCh	91, 60.929, 105.606
Yxy	78.0789, 0.3881, 0.4552
Android (android.graphics.Color)	4293585776 (0xFFEAEB70)
YUV	220.6790, -53.5787, 11.6825
Hunter-Lab	88.3623, -20.1673, 43.8096

Details

The Android color `4293585776` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4285624555`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967207`, and `4289770298` is the 20% darker color. If you saturate the color by 10%, you get `4293585753`, and if you desaturate by 10%, it is `4293585800`.

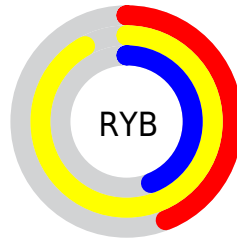
Distribution



Red (92%)

Green (92%)

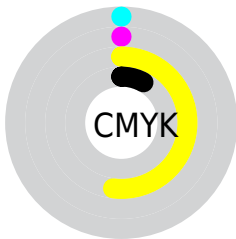
Blue (44%)



Red (44%)

Yellow (92%)

Blue (44%)

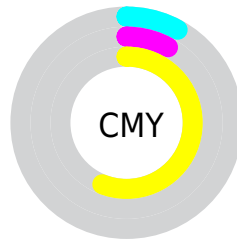


Cyan (0%)

Magenta (0%)

Yellow (52%)

Black (8%)



Cyan (8%)















Magenta (8%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293585776 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 4293585776 by changing the saturation by 10% instead.

 4293585776	 4293585776
4294967295	 4291678037
 4294967207	 4289770298
 4294967235	 4287928604
 4294967264	 4286086912
4294967293	 4284311040
	 4282600960
	 4280891136
	 4279181824
	 4278191616

 4293585776

 4293585776

 4293585753

 4293585800

 4293585729

 4293585823

 4293520170

 4293651383

 4293520146

 4293651406

 4293520128

 4293651430

 4293651453

 4293651455

 4293716991

Harmonies

Analogous

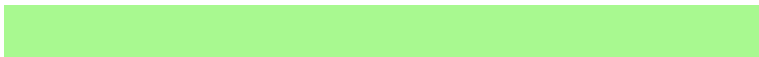
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294957170



4293585776



4289264016

Triad

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



4293585776



4278255359



4294949119

Complementary

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



4293585776



4285624555

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.



4294953727



4293585776



4278252543

Square

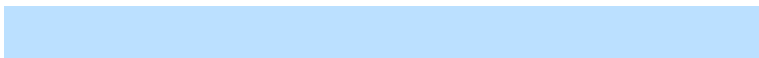
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293585776



4278255615



4290502911



4294948296

Rectangle

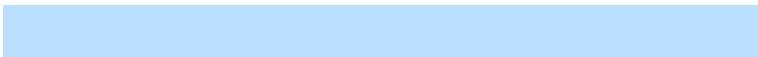
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293585776



4285595570



4290502911



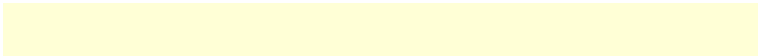
4294950143

Sweetspot

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



4293585776



4294967254



4293619824



4286546023



4278190080



4286611584

Same Dimension

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



4293585776



4294901598



4289653616



4285887850



4290032896



4281677312

Inverse Universe

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



4285624555



4284505855



4289622251



4285164149



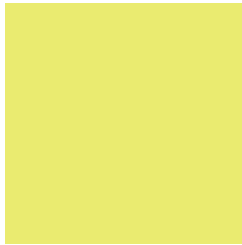
4278255797



4278190134

Previews

White Background



This preview shows how the Android color 4293585776 looks on a white background.

Color Contrast Check

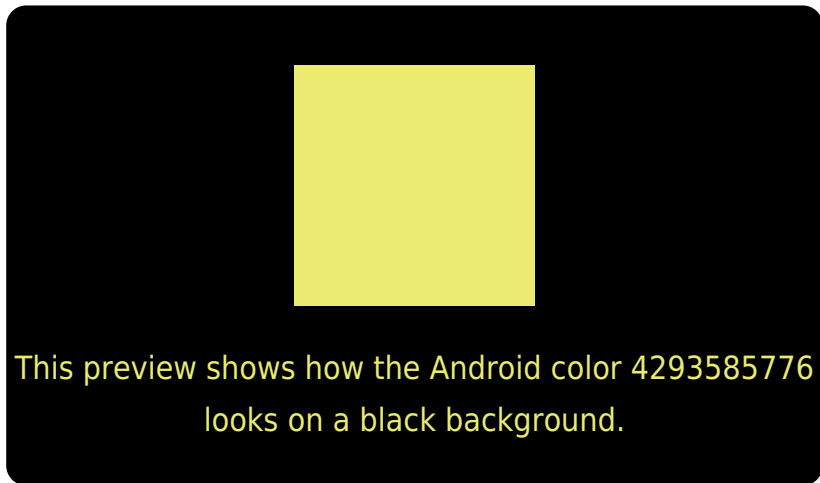
Large Text (above 18pt) WCAG AA × Fail

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 4293585776 Background



This preview shows how black text looks on a background with the Android color 4293585776.




This preview shows how white text looks on a background with the Android color 4293585776.

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](#).

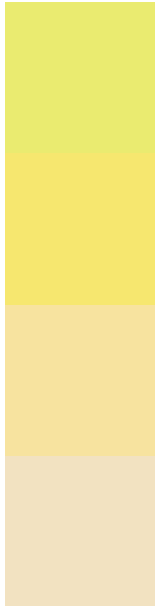
Dichromacy





Tritanopia
4294434287

Trichromacy



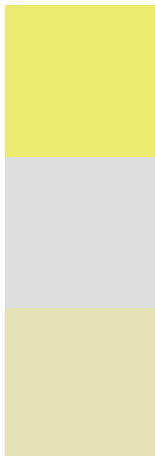
Original Color
4293585776

Protanomaly
4294371183

Deuteranomaly
4294435743

Tritanomaly
4294107841

Monochromacy



Original Color
4293585776

Achromatopsia
4292730333

Achromatomaly
4293059253

CSS Examples

Text

The CSS property to change the color of the text to Android 4293585776 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(234, 235, 112)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 112)  
}
```

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(234, 235, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 112) }
```

Border

The CSS property to change the border of an element to Android 4293585776 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(234, 235, 112) }
```

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

```
.border{ border-color:rgb(234, 235, 112) }
```

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

Here you see how a box with a 4 pixel rgb(234, 235, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 112);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4293585776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 112) }
```

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

```
.background{ background-color: rgb(234,  
235, 112) }
```

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