

# Converting Colors

Android(4293650566)

Have a look what the booklet for  
Android(4293650566) contains.

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# **Color**

**Android(4293650566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBE886
RGB	235, 232, 134
RGB Percent	92%, 91%, 53%
CMY	0.0784, 0.0902, 0.4745
CMYK	0.00, 0.01, 0.43, 0.08
HSL	58°, 72%, 72%
HSV	58°, 43%, 92%
XYZ	67.4206, 77.0966, 33.8819
YIQ	221.7250, 33.2460, -29.8420

# Conversions

## Conversions Part 2

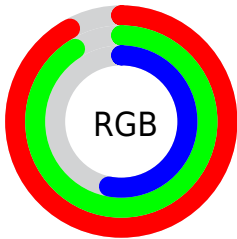
Format	Color
<a href="#">RYB</a>	<a href="#">137, 235, 134</a>
Decimal	<a href="#">15460486</a>
CIELab	<a href="#">90.37, -12.56, 47.86</a>
CIELCh	<a href="#">90, 49.480, 104.701</a>
Yxy	<a href="#">77.0966, 0.3779, 0.4322</a>
Android (android.graphics.Color)	<a href="#">4293650566 (0xFFEBE886)</a>
YUV	<a href="#">221.7250, -43.2484, 11.6422</a>
Hunter-Lab	<a href="#">87.8047, -16.5974, 38.5845</a>

# Details

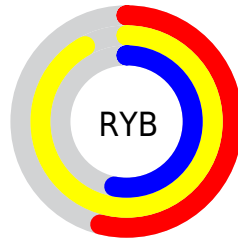
The Android color `4293650566` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4287007211`, and the grayscale version is `4292796126`.

A 20% lighter version of the original color is `4294967229`, and `4289900882` is the 20% darker color. If you saturate the color by 10%, you get `4293650287`, and if you desaturate by 10%, it is `4293650846`.

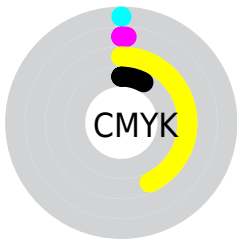
# Distribution



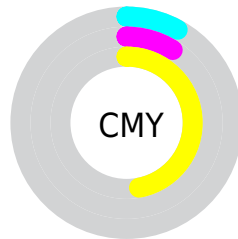
- Red (92%)
- Green (91%)
- Blue (53%)



- Red (54%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (8%)

















- Cyan (8%)
- Magenta (9%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293650566 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 4293650566 by changing the saturation by 10% instead.



 4293650566	 4293650566
4294967295	 4291742828
 4294967229	 4289900882
 4294967257	 4288058936
 4294967286	 4286217246
	 4284506880
	 4282862592
	 4281152768
	 4279574528
	 4278190848

 4293650566

 4293650566

 4293650287

 4293650846

 4293650263

 4293650869

 4293649984

 4293651149

 4293649704

 4293651428

 4293649681

 4293651452

 4293649408

 4293651711

 4293651967

 4293652223

# Harmonies

## Analogous

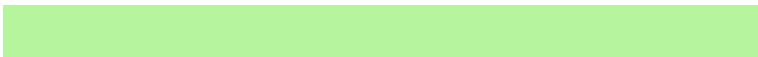
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294957192



4293650566



4290180254

# Triad

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



4293650566



4278254079



4294951422

# Complementary

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



4293650566



4287007211

# 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.



4294955007



4293650566



4285460479

# Square

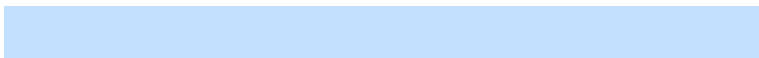
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293650566



4279959034



4291092735



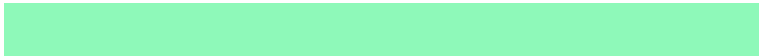
4294950862

# Rectangle

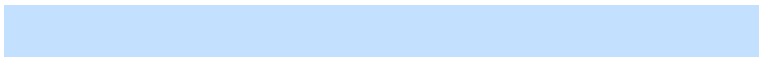
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293650566



4287560121



4291092735



4294952447



# Sweetspot

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



4293650566



4294967006



4293625481



4286611307



4278190080



4286611584



# Same Dimension

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



4293650566



4294966138



4290571142



4285887850



4290097152



4281742336



# Inverse Universe

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



4287007211



4286217983



4290086635



4285164149



4278191541

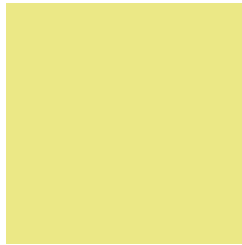


4278190646



# Previews

## White Background



This preview shows how the Android color 4293650566 looks on a white background.

## Color Contrast Check

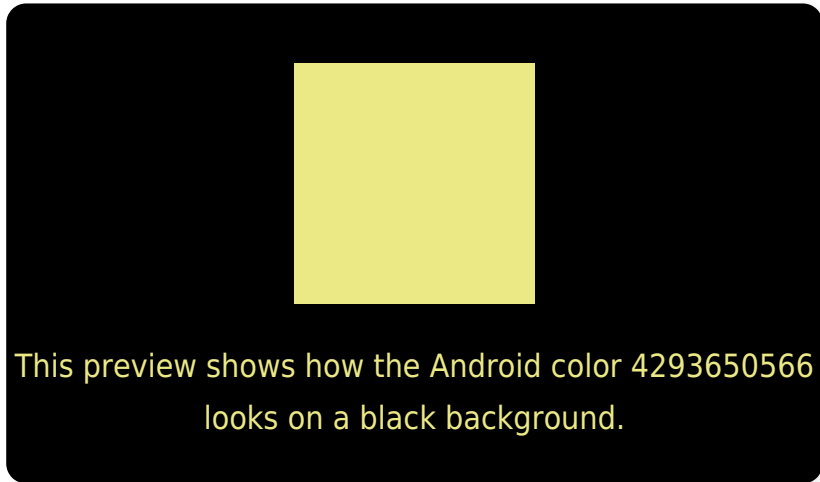
Large Text (above 18pt) WCAG AA × Fail

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 4293650566 Background



This preview shows how black text looks on a background with the Android color 4293650566.

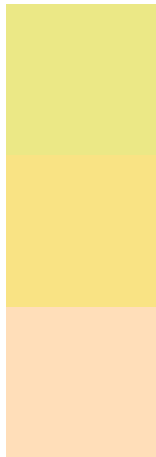


This preview shows how white text looks on a background with the Android color 4293650566.

# 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**  
4293650566

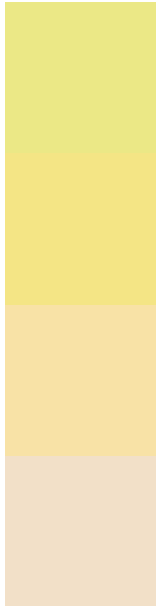
**Protanopia**  
4294566788

**Deuteranopia**  
4294958777



**Tritanopia**  
4294368493

# Trichromacy



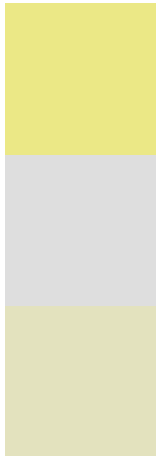
**Original Color**  
4293650566

**Protanomaly**  
4294239621

**Deuteranomaly**  
4294501030

**Tritanomaly**  
4294107336

# Monochromacy



**Original Color**  
4293650566

**Achromatopsia**  
4292796126

**Achromatomaly**  
4293124798

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293650566 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(235, 232, 134)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 134)  
}
```

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(235, 232, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 134) }
```

## Border

The CSS property to change the border of an element to Android 4293650566 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(235, 232, 134) }
```

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

```
.border{ border-color:rgb(235, 232, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 232, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 134);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
134) }
```

# Background

The CSS property to change the background color of an element to Android 4293650566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 134) }
```

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

```
.background{ background-color: rgb(235,  
232, 134) }
```

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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