

# Converting Colors

Android(4293450043)

Have a look what the booklet for  
Android(4293450043) contains.

<b>Android(4293450043)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4293450043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8D93B
RGB	232, 217, 59
RGB Percent	91%, 85%, 23%
CMY	0.0902, 0.1490, 0.7686
CMYK	0.00, 0.06, 0.75, 0.09
HSL	55°, 79%, 57%
HSV	55°, 75%, 91%
XYZ	58.8810, 67.0973, 13.9854
YIQ	203.4730, 59.6580, -45.9580

# Conversions

## Conversions Part 2

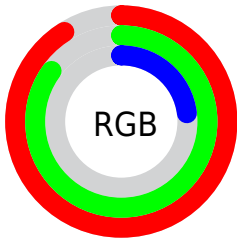
Format	Color
<b>RYB</b>	75, 232, 59
Decimal	15259963
CIELab	85.55, -11.49, 74.18
CIELCh	86, 75.066, 98.808
Yxy	67.0973, 0.4207, 0.4794
Android (android.graphics.Color)	4293450043 (0xFFE8D93B)
YUV	203.4730, -71.2252, 25.0182
Hunter-Lab	81.9129, -15.0375, 47.2162

# Details

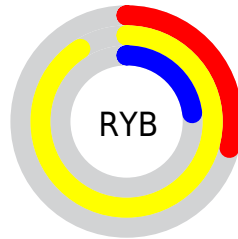
The Android color **4293450043** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **4282075880**, and the grayscale version is **4291611852**.

A 20% lighter version of the original color is **4294967157**, and **4289504000** is the 20% darker color. If you saturate the color by 10%, you get **4293449508**, and if you desaturate by 10%, it is **4293450578**.

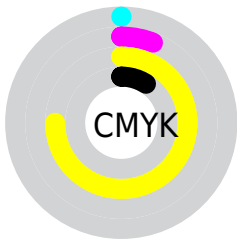
# Distribution



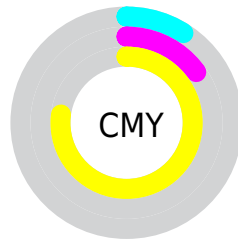
- Red (91%)
- Green (85%)
- Blue (23%)



- Red (29%)
- Yellow (91%)
- Blue (23%)



- Cyan (0%)
- Magenta (6%)
- Yellow (75%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293450043 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 4293450043 by changing the saturation by 10% instead.



 4293450043

 4293450043

4294967295

 4291476758

 4294967157

 4289504000

 4294967186

 4287596544

 4294967214

 4285755136

 4294967243

 4283913984

 4294967273

 4282138624

 4280494592

 4278261504

 4278190080

■ 4293450043

■ 4293450043

■ 4293449508

■ 4293450578

■ 4293448973

■ 4293451113

■ 4293448704

■ 4293451649

■ 4293452184

■ 4293452719

■ 4293453254

■ 4293453789

■ 4293454325

■ 4293454847

# Harmonies

## Analogous

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



4294950988



4293450043



4288473952

# Triad

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



4293450043



4278253311



4294942463

# Complementary

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



4293450043



4282075880

# 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.



4294294271



4293450043



4278250495

# Square

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



4293450043



4278253801



4285323263



4294939844

# Rectangle

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



4293450043



4283495049



4285323263



4294944511



# Sweetspot

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



4293450043



4294965959



4293409612



4286610782



4278190080



4286611584



# Same Dimension

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



4293450043



4294961948



4288931899



4285756007



4289962752



4281544448



# Inverse Universe

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



4282075880



4280037631



4286594024



4284967027



4278194099



4278191155



# Previews

## White Background



This preview shows how the Android color 4293450043 looks on a white background.

## Color Contrast Check

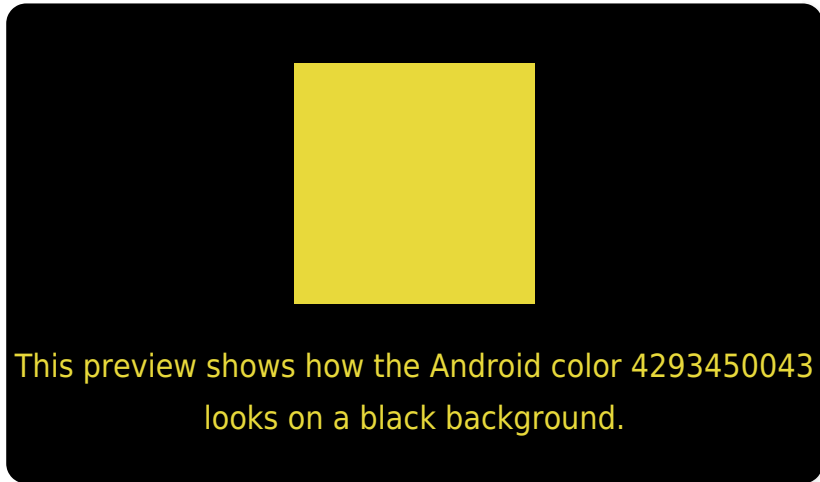
Large Text (above 18pt) WCAG AA × Fail

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 4293450043 Background



This preview shows how black text looks on a background with the Android color 4293450043.



This preview shows how white text looks on a background with the Android color 4293450043.

# 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**  
4293450043

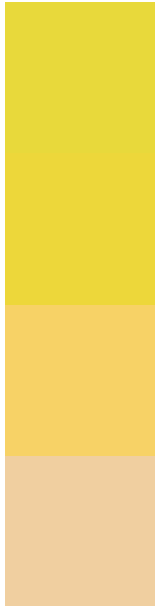
**Protanopia**  
4293973562

**Deuteranopia**  
4294954623



**Tritanopia**  
4294298330

# Trichromacy



**Original Color**  
4293450043

**Protanomaly**  
4293777210

**Deuteranomaly**  
4294431334

**Tritanomaly**  
4293971872

# Monochromacy



**Original Color**  
4293450043

**Achromatopsia**  
4291546059

**Achromatomaly**  
4292268183

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293450043 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(232, 217, 59)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 59)  
}
```

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(232, 217, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 59) }
```

## Border

The CSS property to change the border of an element to Android 4293450043 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(232, 217, 59) }
```

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

```
.border{ border-color:rgb(232, 217, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 59);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4293450043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 59) }
```

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

```
.background{ background-color: rgb(232,  
217, 59) }
```

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