

# Converting Colors

Android(4293515583)

Have a look what the booklet for  
Android(4293515583) contains.

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# **Color**

**Android(4293515583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9D93F
RGB	233, 217, 63
RGB Percent	91%, 85%, 25%
CMY	0.0863, 0.1490, 0.7529
CMYK	0.00, 0.07, 0.73, 0.09
HSL	54°, 79%, 58%
HSV	54°, 73%, 91%
XYZ	59.3143, 67.3082, 14.5682
YIQ	204.2280, 58.9700, -44.5020

# Conversions

## Conversions Part 2

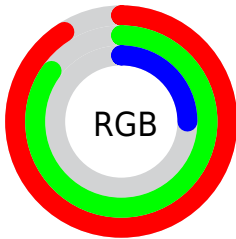
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 233, 63
Decimal	15325503
CIE <sub>Lab</sub>	85.66, -10.91, 72.98
CIE <sub>LCh</sub>	86, 73.793, 98.501
Yxy	67.3082, 0.4201, 0.4767
Android (android.graphics.Color)	4293515583 (0xFFE9D93F)
YUV	204.2280, -69.6254, 25.2330
Hunter-Lab	82.0416, -14.5211, 46.9009

# Details

The Android color **4293515583** 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 **4282339305**, and the grayscale version is **4291677645**.

A 20% lighter version of the original color is **4294967161**, and **4289569536** is the 20% darker color. If you saturate the color by 10%, you get **4293515048**, and if you desaturate by 10%, it is **4293516118**.

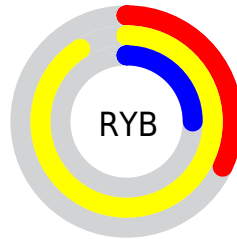
# Distribution



Red (91%)

Green (85%)

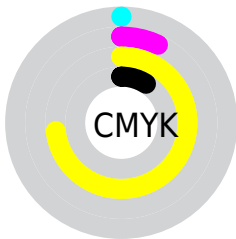
Blue (25%)



Red (32%)

Yellow (91%)

Blue (25%)

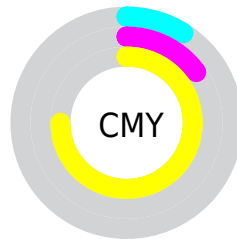


Cyan (0%)

Magenta (7%)

Yellow (73%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293515583 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 4293515583 by changing the saturation by 10% instead.





4293515583



4293515583

4294967295



4291542300



4294967161



4289569536



4294967189



4287662080



4294967217



4285820672



4294967246



4283979520



4294967276



4282204160



4280560128



4278392576



4278190080

■ 4293515583

■ 4293515583

■ 4293515048

■ 4293516118

■ 4293514512

■ 4293516654

■ 4293513984

■ 4293517445

■ 4293517980

■ 4293518516

■ 4293519051

■ 4293519586

■ 4293520377

■ 4293520895

# Harmonies

## Analogous

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



4294950992



4293515583



4288605026

# Triad

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



4293515583



4278253311



4294942975

# Complementary

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



4293515583



4282339305

# 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.



4294228991



4293515583



4278250495

# Square

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



4293515583



4278253801



4285519871



4294940357

# Rectangle

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



4293515583



4283888266



4285519871



4294945023



# Sweetspot

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



4293515583



4294965959



4293476176



4286610526



4278190080



4286611584



# Same Dimension

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



4293515583



4294961695



4289063231



4285887594



4290094080



4281741568



# Inverse Universe

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



4282339305



4280235263



4286791657



4285164405



4278194613

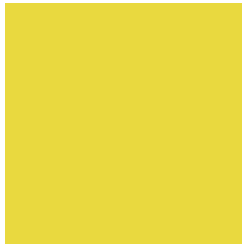


4278191414



# Previews

## White Background



This preview shows how the Android color 4293515583 looks on a white background.

## Color Contrast Check

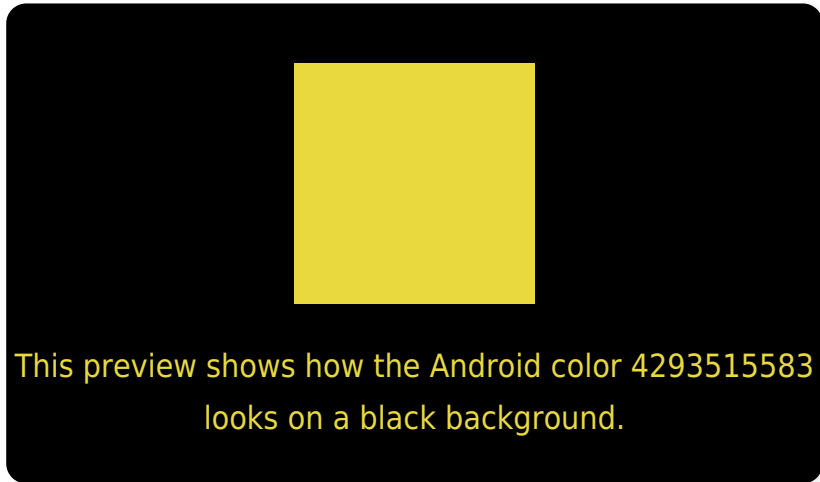
Large Text (above 18pt) WCAG AA × Fail

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 4293515583 Background



This preview shows how black text looks on a background with the Android color 4293515583.



This preview shows how white text looks on a background with the Android color 4293515583.

# 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**  
4293515583

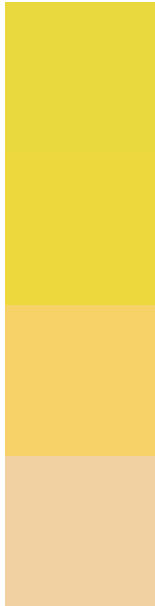
**Protanopia**  
4293973822

**Deuteranopia**  
4294954625



**Tritanopia**  
4294364122

# Trichromacy



**Original Color**  
4293515583

**Protanomaly**  
4293777470

**Deuteranomaly**  
4294431337

**Tritanomaly**  
4294037666

# Monochromacy



**Original Color**  
4293515583

**Achromatopsia**  
4291611852

**Achromatomaly**  
4292333977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293515583 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(233, 217, 63)` looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 63)  
}
```

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(233, 217, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 63) }
```

## Border

The CSS property to change the border of an element to Android 4293515583 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(233, 217, 63) }
```

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

```
.border{ border-color:rgb(233, 217, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 217, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 63);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
63) }
```

# Background

The CSS property to change the background color of an element to Android 4293515583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 63) }
```

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

```
.background{ background-color: rgb(233,  
217, 63) }
```

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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