

# Converting Colors

Android(4293596789)

Have a look what the booklet for  
Android(4293596789) contains.

<b>Android(4293596789)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4293596789)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB1675
RGB	235, 22, 117
RGB Percent	92%, 9%, 46%
CMY	0.0784, 0.9137, 0.5412
CMYK	0.00, 0.91, 0.50, 0.08
HSL	333°, 84%, 50%
HSV	333°, 91%, 92%
XYZ	37.7587, 19.5203, 18.6073
YIQ	96.5170, 96.4530, 74.7010

# Conversions

## Conversions Part 2

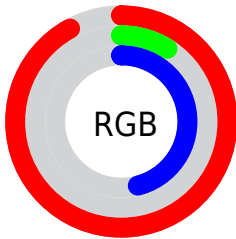
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 22, 117
Decimal	15406709
CIE Lab	51.29, 77.52, 5.03
CIE LCh	51, 77.679, 3.714
Yxy	19.5203, 0.4976, 0.2572
Android (android.graphics.Color)	4293596789 (0xFFEB1675)
YUV	96.5170, 10.0981, 121.4496
Hunter-Lab	44.1818, 75.2317, 5.9571

# Details

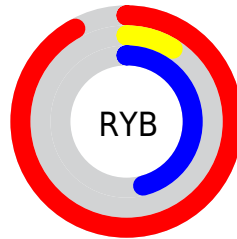
The Android color **4293596789** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **4279692172**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4294927529**, and **4289462341** is the 20% darker color. If you saturate the color by 10%, you get **4293591145**, and if you desaturate by 10%, it is **4293602946**.

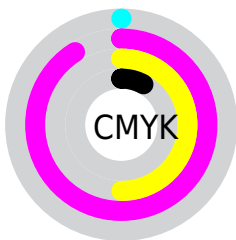
# Distribution



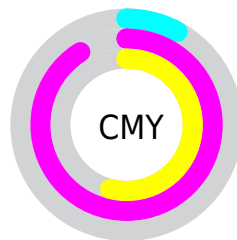
- Red (92%)
- Green (9%)
- Blue (46%)



- Red (92%)
- Yellow (9%)
- Blue (46%)



- Cyan (0%)
- Magenta (91%)
- Yellow (50%)
- Black (8%)



- Cyan (8%)
- Magenta (91%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293596789 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 4293596789 by changing the saturation by 10% instead.



 4293596789

 4293596789

4294967295

 4291559517

 4294927529

 4289462341

 4294935492

 4287430703

 4294943200

 4285464603

 4294950908

 4283564036

 4294958591

 4281466882

 4294966527

 4278190080

 4293596789

 4293596789

 4293591145

 4293602946

 4293608847

 4293615004

 4293620905

 4293627062

 4293632963

 4293639120

 4293645021

 4293651178

# Harmonies

## Analogous

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



4291705526



4293596789



4293146676

# Triad

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



4293596789



4282812928



4278227186

# Complementary

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



4293596789



4279692172

# 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.



4278228675



4293596789



4278227770

# Square

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



4293596789



4287461888



4278228609



4278223359

# Rectangle

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



4293596789



4291777280



4278228609



4278227941



# Sweetspot

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



4293596789



4294949593



4287305451



4286601065



4278190080



4286611584



# Same Dimension

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



4293596789



4294901874



4293599510



4285885039



4290052177



4281729048



# Inverse Universe

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



4293596789



4294901874



4279689451



4285885039



4290052177



4281729048



# Previews

## White Background



This preview shows how the Android color 4293596789 looks on a white background.

## Color Contrast Check

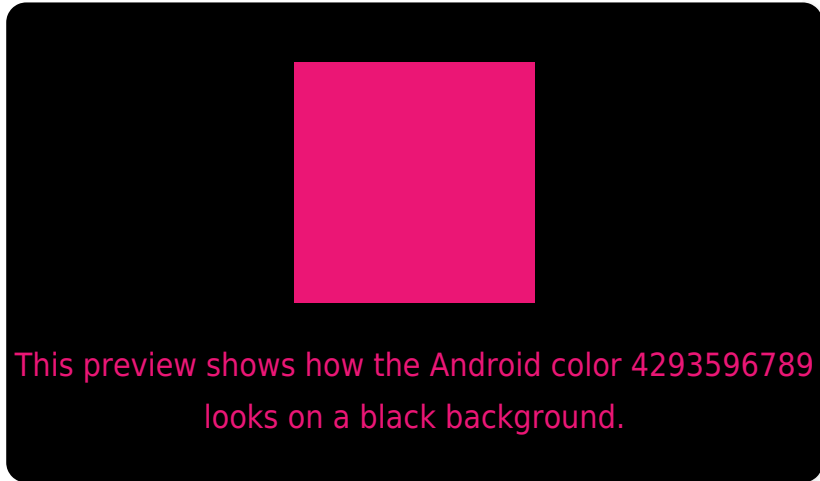
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293596789 Background



This preview shows how black text looks on a background with the Android color 4293596789.



This preview shows how white text looks on a background with the Android color 4293596789.

# 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





# Trichromacy



**Original Color**

4293596789



**Protanomaly**

4288370325



**Deuteranomaly**

4289680495



**Tritanomaly**

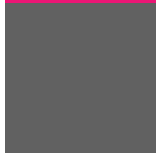
4293470282

# Monochromacy



**Original Color**

4293596789



**Achromatopsia**

4284572001



**Achromatomaly**

4287841896

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293596789 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, 22, 117)` looks like.

```
.text, #text, p{  
    color:rgb(235, 22, 117)  
}
```

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, 22, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 22, 117) }
```

## Border

The CSS property to change the border of an element to Android 4293596789 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, 22, 117) }
```

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

```
.border{ border-color:rgb(235, 22, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 22, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 22, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 22, 117); box-shadow:4px 4px 4px 4px rgb(235, 22, 117) }
```

# Background

The CSS property to change the background color of an element to Android 4293596789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 22, 117) }
```

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

```
.background{ background-color: rgb(235, 22,  
117) }
```

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**