

# Converting Colors

Android(4293604170)

Have a look what the booklet for  
Android(4293604170) contains.

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# Color

**Android(4293604170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB334A
RGB	235, 51, 74
RGB Percent	92%, 20%, 29%
CMY	0.0784, 0.8000, 0.7098
CMYK	0.00, 0.78, 0.69, 0.08
HSL	352°, 82%, 56%
HSV	352°, 78%, 92%
XYZ	36.6808, 20.5242, 8.5068
YIQ	108.6380, 102.2810, 46.1610

# Conversions

## Conversions Part 2

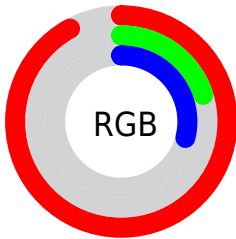
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">235, 51, 74</a>
Decimal	<a href="#">15414090</a>
CIELab	<a href="#">52.42, 69.10, 32.47</a>
CIElCh	<a href="#">52, 76.346, 25.173</a>
Yxy	<a href="#">20.5242, 0.5582, 0.3123</a>
Android (android.graphics.Color)	<a href="#">4293604170 (0xFFEB334A)</a>
YUV	<a href="#">108.6380, -17.0765, 110.8195</a>
Hunter-Lab	<a href="#">45.3037, 65.2438, 20.5795</a>

# Details

The Android color **4293604170** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4281592788**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4294931067**, and **4289396767** is the 20% darker color. If you saturate the color by 10%, you get **4293598005**, and if you desaturate by 10%, it is **4293610335**.

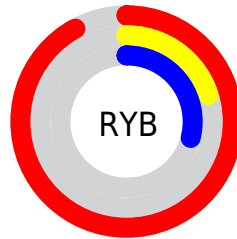
# Distribution



Red (92%)

Green (20%)

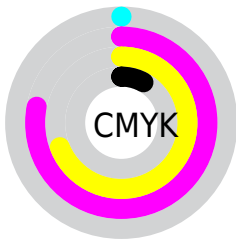
Blue (29%)



Red (92%)

Yellow (20%)

Blue (29%)

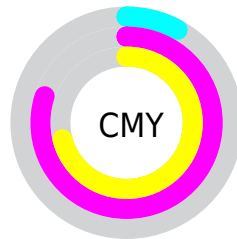


Cyan (0%)

Magenta (78%)

Yellow (69%)

Black (8%)



Cyan (8%)

Magenta (80%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293604170 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 4293604170 by changing the saturation by 10% instead.



 4293604170

 4293604170

4294967295

 4291493939

 4294931067

 4289396767

 4294938516

 4287365129


 4294946223

 4285267968

 4294953674

 4283301891

 4294961383

 4281270274

 4278190080

 4293604170

 4293604170

 4293598005

 4293610335

 4293592097

 4293616243

 4293591069

 4293622408

 4293628316

 4293634481

 4293640389

 4293646554

 4293652462

 4293656575

# Harmonies

## Analogous

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



4293469835



4293604170



4291844352

# Triad

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



4293604170



4278228009



4278225407

# Complementary

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



4293604170



4281592788

# 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.



4278228457



4293604170



4278229104

# Square

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



4293604170



4284647936



4278229427



4284182773

# Rectangle

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



4293604170



4289883648



4278229427



4278226685



# Sweetspot

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



4293604170



4294952140



4291965931



4286602336



4278190080



4286611584



# Same Dimension

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



4293604170



4294905645



4293621299



4285885035



4290052119



4281729031



# Inverse Universe

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



4293604170



4294905645



4281575659



4285885035



4290052119



4281729031



# Previews

## White Background



This preview shows how the Android color 4293604170 looks on a white background.

## Color Contrast Check

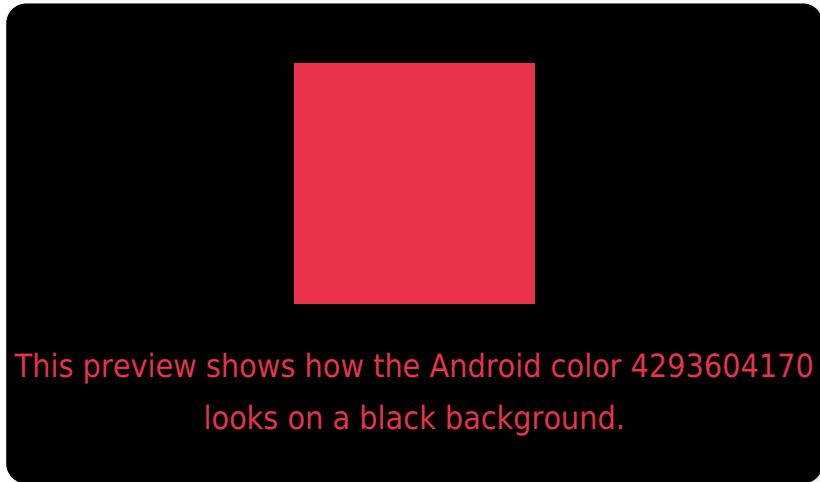
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293604170 Background



This preview shows how black text looks on a background with the Android color 4293604170.



This preview shows how white text looks on a background with the Android color 4293604170.

# 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



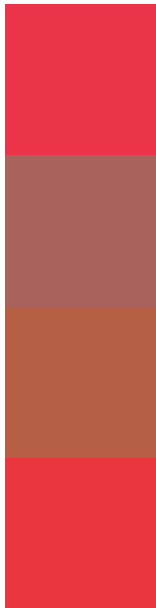
**Original Color**  
4293604170

**Protanopia**  
4286938470

**Deuteranopia**  
4288313408



# Trichromacy



**Original Color**  
4293604170

**Protanomaly**  
4289356380

**Deuteranomaly**  
4290207556

**Tritanomaly**  
4293539391

# Monochromacy



**Original Color**  
4293604170

**Achromatopsia**  
4285361517

**Achromatomaly**  
4288370784

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293604170 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, 51, 74)` looks like.

```
.text, #text, p{  
    color:rgb(235, 51, 74)  
}
```

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, 51, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 51, 74) }
```

## Border

The CSS property to change the border of an element to Android 4293604170 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, 51, 74) }
```

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

```
.border{ border-color:rgb(235, 51, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 51, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 51, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 51, 74);  
box-shadow:4px 4px 4px 4px rgb(235, 51,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4293604170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 51, 74) }
```

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

```
.background{ background-color: rgb(235, 51,  
74) }
```

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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