

# Converting Colors

Android(4293213800)

Have a look what the booklet for  
Android(4293213800) contains.

<b>Android(4293213800)</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(4293213800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E53E68
RGB	229, 62, 104
RGB Percent	90%, 24%, 41%
CMY	0.1020, 0.7569, 0.5922
CMYK	0.00, 0.73, 0.55, 0.10
HSL	345°, 76%, 57%
HSV	345°, 73%, 90%
XYZ	36.5344, 21.1027, 15.2444
YIQ	116.7210, 86.0500, 48.4660

# Conversions

## Conversions Part 2

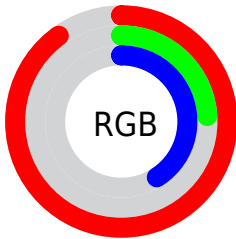
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 62, 104
Decimal	15023720
CIE Lab	53.06, 65.86, 15.22
CIE LCh	53, 67.601, 13.012
Yxy	21.1027, 0.5013, 0.2895
Android (android.graphics.Color)	4293213800 (0xFFE53E68)
YUV	116.7210, -6.2715, 98.4687
Hunter-Lab	45.9377, 61.5706, 12.4811

# Details

The Android color **4293213800** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **4282312123**, and the grayscale version is **4285887861**.

A 20% lighter version of the original color is **4294933147**, and **4289134650** is the 20% darker color. If you saturate the color by 10%, you get **4293207895**, and if you desaturate by 10%, it is **4293219705**.

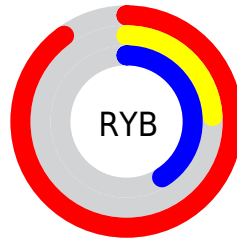
# Distribution



Red (90%)

Green (24%)

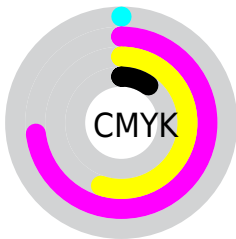
Blue (41%)



Red (90%)

Yellow (24%)

Blue (41%)

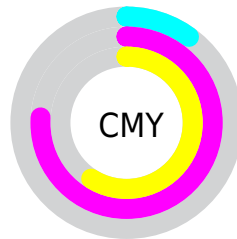


Cyan (0%)

Magenta (73%)

Yellow (55%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293213800 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 4293213800 by changing the saturation by 10% instead.





4293213800



4293213800

4294967295



4291172176



4294933147



4289134650



4294940598



4287168548



4294948049



4285136912



4294955501



4283236354



4294963199



4281270274



4278190080



4293213800



4293213800



4293207895



4293219705

 4293201990

 4293225610

 4293197882

 4293231515

 4293237421

 4293243326

 4293248975

 4293254880

 4293260785

 4293263359

# Harmonies

## Analogous

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



4292167330



4293213800



4292302129

# Triad

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



4293213800



4282159133



4278226926

# Complementary

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



4293213800



4282312123

# 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.



4278228941



4293213800



4278228826

# Square

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



4293213800



4286678016



4278229399



4278484465

# Rectangle

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



4293213800



4290864900



4278229399



4278227686



# Sweetspot

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



4293213800



4294952917



4290264805



4286602855



4278190080



4286611584



# Same Dimension

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



4293213800



4294909783



4293223742



4285753194



4289921069



4281532429



# Inverse Universe

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



4293213800



4294909783



4282302181



4285753194



4289921069



4281532429



# Previews

## White Background



This preview shows how the Android color 4293213800 looks on a white background.

## Color Contrast Check

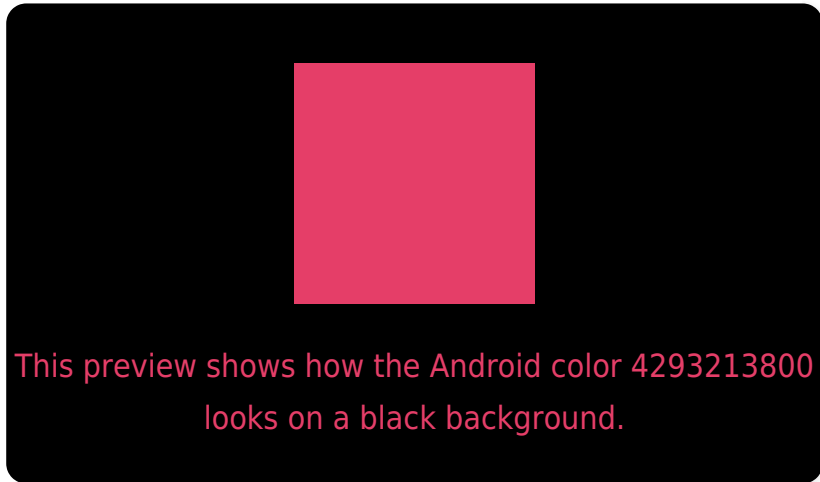
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293213800 Background



This preview shows how black text looks on a background with the Android color 4293213800.



This preview shows how white text looks on a background with the Android color 4293213800.

# 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



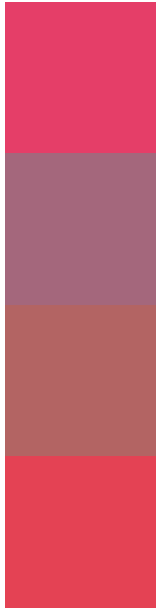
**Original Color**  
4293213800

**Protanopia**  
4286545544

**Deuteranopia**  
4288051808



# Trichromacy



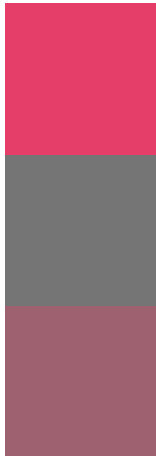
**Original Color**  
4293213800

**Protanomaly**  
4288964476

**Deuteranomaly**  
4289946723

**Tritanomaly**  
4293149268

# Monochromacy



**Original Color**  
4293213800

**Achromatopsia**  
4285887861

**Achromatomaly**  
4288569712

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293213800 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(229, 62, 104)` looks like.

```
.text, #text, p{  
    color:rgb(229, 62, 104)  
}
```

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(229, 62, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 62, 104) }
```

## Border

The CSS property to change the border of an element to Android 4293213800 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(229, 62, 104) }
```

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

```
.border{ border-color:rgb(229, 62, 104) }
```

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

Here you see how a box with a 4 pixel rgb(229, 62, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 62, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 62, 104);  
box-shadow:4px 4px 4px 4px rgb(229, 62,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4293213800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 62, 104) }
```

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

```
.background{ background-color: rgb(229, 62,  
104) }
```

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