

# Converting Colors

Android(4293018256)

Have a look what the booklet for  
Android(4293018256) contains.

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# **Color**

**Android(4293018256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E24290
RGB	226, 66, 144
RGB Percent	89%, 26%, 56%
CMY	0.1137, 0.7412, 0.4353
CMYK	0.00, 0.71, 0.36, 0.11
HSL	331°, 73%, 57%
HSV	331°, 71%, 89%
XYZ	38.3463, 22.0788, 28.6261
YIQ	122.7320, 70.3220, 58.1780

# Conversions

## Conversions Part 2

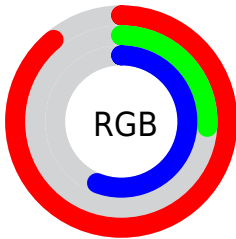
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 66, 144
Decimal	14828176
CIE Lab	54.11, 67.26, -7.24
CIE LCh	54, 67.646, 353.853
Yxy	22.0788, 0.4306, 0.2479
Android (android.graphics.Color)	4293018256 (0xFFE24290)
YUV	122.7320, 10.4851, 90.5660
Hunter-Lab	46.9881, 63.4421, -3.2290

# Details

The Android color `4293018256` is a light color, and the websafe version is hex `FF3399`. The color can be described as light muted rose. A complement of this color would be `4282573460`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4294933958`, and `4289069150` is the 20% darker color. If you saturate the color by 10%, you get `4293012356`, and if you desaturate by 10%, it is `4293024156`.

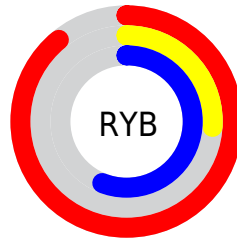
# Distribution



Red (89%)

Green (26%)

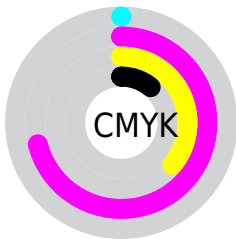
Blue (56%)



Red (89%)

Yellow (26%)

Blue (56%)

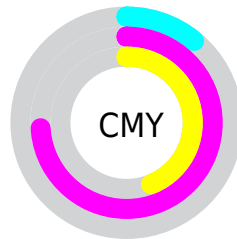


Cyan (0%)

Magenta (71%)

Yellow (36%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293018256 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 4293018256 by changing the saturation by 10% instead.



 4293018256

 4293018256

4294967295

 4291042934

 4294933958

 4289069150

 4294941410

 4287103046


 4294948862

 4285202480

 4294956543

 4283367451

 4294963967

 4281532418

 4278190080

 4293018256

 4293018256

 4293012356

 4293024156

 4293006713

 4293029799

 4293001326

 4293035699

 4293041342

 4293047242

 4293053141

 4293058785

 4293064685

 4293066744

# Harmonies

## Analogous

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



4290468551



4293018256



4293281622

# Triad

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



4293018256



4285500416



4278229215

# Complementary

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



4293018256



4282573460

# 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.



4278230191



4293018256



4278228535

# Square

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



4293018256



4289100544



4278229875



4278226166

# Rectangle

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



4293018256



4292499506



4278229875



4278229713



# Sweetspot

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



4293018256



4294953444



4287775458



4286603375



4278190080



4286611584



# Same Dimension

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



4293018256



4294911632



4293018178



4285556074



4289724502



4281335832



# Inverse Universe

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



4293018256



4294911632



4282573538



4285556074



4289724502



4281335832



# Previews

## White Background



This preview shows how the Android color 4293018256 looks on a white background.

## Color Contrast Check

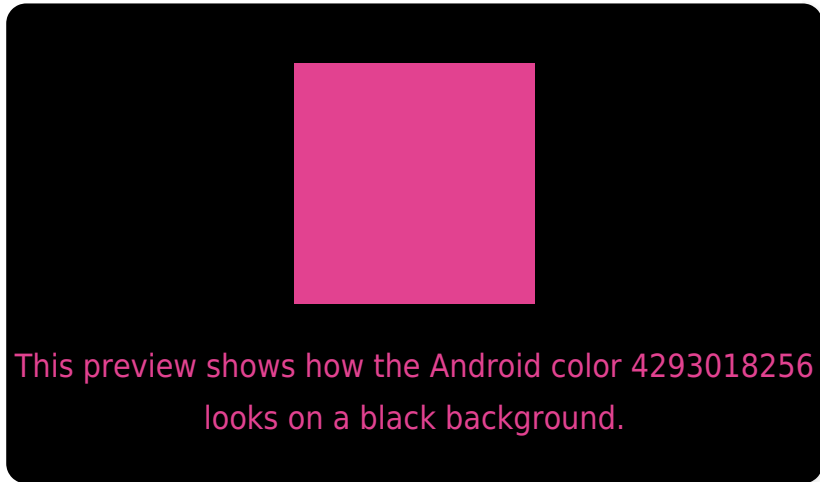
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293018256 Background



This preview shows how black text looks on a background with the Android color 4293018256.



This preview shows how white text looks on a background with the Android color 4293018256.

# Color Blindness Simulation

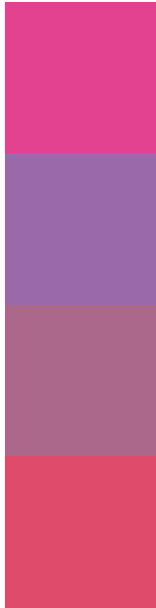
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



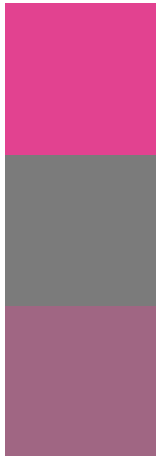
**Original Color**  
4293018256

**Protanomaly**  
4288244138

**Deuteranomaly**  
4289423499

**Tritanomaly**  
4292824171

# Monochromacy



**Original Color**  
4293018256

**Achromatopsia**  
4286282619

**Achromatomaly**  
4288702083

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293018256 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(226, 66, 144)` looks like.

```
.text, #text, p{  
    color:rgb(226, 66, 144)  
}
```

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(226, 66, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 66, 144) }
```

## Border

The CSS property to change the border of an element to Android 4293018256 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(226, 66, 144) }
```

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

```
.border{ border-color:rgb(226, 66, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 66, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 66, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 66, 144);  
box-shadow:4px 4px 4px 4px rgb(226, 66,  
144) }
```

# Background

The CSS property to change the background color of an element to Android 4293018256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 66, 144) }
```

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

```
.background{ background-color: rgb(226, 66,  
144) }
```

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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