

# Converting Colors

Android(4293677010)

Have a look what the booklet for  
Android(4293677010) contains.

<b>Android(4293677010)</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(4293677010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC4FD2
RGB	236, 79, 210
RGB Percent	93%, 31%, 82%
CMY	0.0745, 0.6902, 0.1765
CMYK	0.00, 0.67, 0.11, 0.07
HSL	310°, 81%, 62%
HSV	310°, 67%, 93%
XYZ	49.0209, 28.0780, 63.8087
YIQ	140.8770, 51.5210, 74.0250

# Conversions

## Conversions Part 2

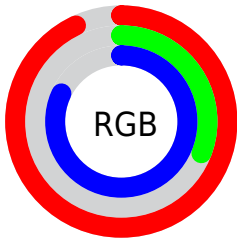
Format	Color
<a href="#">RYB</a>	<a href="#">236, 79, 210</a>
Decimal	<a href="#">15486930</a>
CIELab	<a href="#">59.96, 73.57, -36.40</a>
CIELCh	<a href="#">60, 82.079, 333.672</a>
Yxy	<a href="#">28.0780, 0.3479, 0.1993</a>
Android (android.graphics.Color)	<a href="#">4293677010 (0xFFEC4FD2)</a>
YUV	<a href="#">140.8770, 34.0776, 83.4229</a>
Hunter-Lab	<a href="#">52.9887, 72.4039, -34.3047</a>

# Details

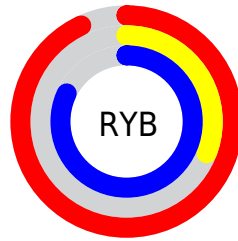
The Android color **4293677010** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **4283427945**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4294937599**, and **4289724571** is the 20% darker color. If you saturate the color by 10%, you get **4293670862**, and if you desaturate by 10%, it is **4293683158**.

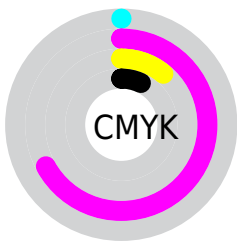
# Distribution



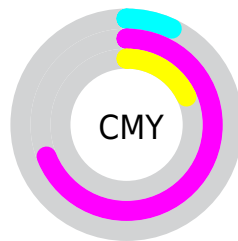
- Red (93%)
- Green (31%)
- Blue (82%)



- Red (93%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (69%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293677010 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 4293677010 by changing the saturation by 10% instead.



 4293677010

 4293677010

4294967295

 4291702198

 4294937599

 4289724571

 4294945023

 4287824001

 4294952447

 4285988967

 4294960127

 4284153935

 4282449975

 4280483873

 4278190085

 4278190080

4293677010

4293677010

4293670862

4293683158

4293664970

4293689050

4293658822

4293695198

4293656773

4293701090

4293707238

4293713385

4293719277

4293722097

4293722101

# Harmonies

## Analogous

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



4288116991



4293677010



4294914955

# Triad

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



4293677010



4289171712



4278235103

# Complementary

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



4293677010



4283427945

# 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.



4278235288



4293677010



4284195328

# Square

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



4293677010



4292899584



4278234187



4278233343

# Rectangle

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



4293677010



4294918235



4278234187



4278235337



# Sweetspot

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



4293677010



4294954231



4284960748



4286603642



4278190080



4286611584



# Same Dimension

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



4293677010



4294915037



4293676934



4285885043



4290052247



4281729069



# Inverse Universe

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



4293677010



4294915037



4283428021



4285885043



4290052247



4281729069



# Previews

## White Background



This preview shows how the Android color 4293677010 looks on a white background.

## Color Contrast Check

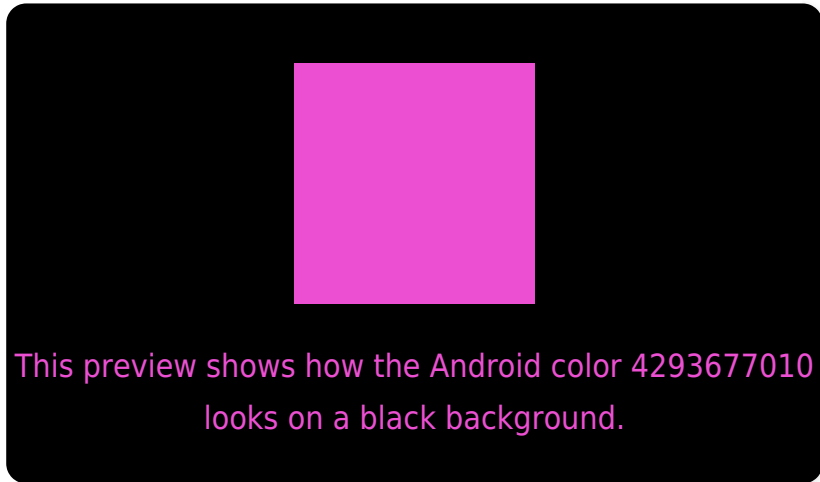
Large Text (above 18pt) WCAG AA ✓ Pass

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

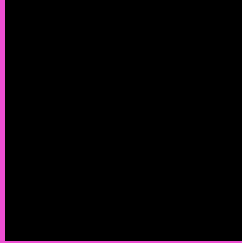
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4293677010 Background



This preview shows how black text looks on a background with the Android color 4293677010.



This preview shows how white text looks on a background with the Android color 4293677010.

# 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**  
4293677010



**Protanomaly**  
4287657711



**Deuteranomaly**  
4289165516



**Tritanomaly**  
4293288341

# Monochromacy



**Original Color**  
4293677010



**Achromatopsia**  
4287466893



**Achromatomaly**  
4289754790

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293677010 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(236, 79, 210)` looks like.

```
.text, #text, p{  
    color:rgb(236, 79, 210)  
}
```

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(236, 79, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 79, 210) }
```

## Border

The CSS property to change the border of an element to Android 4293677010 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(236, 79, 210) }
```

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

```
.border{ border-color:rgb(236, 79, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 79, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 79, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 79, 210);  
box-shadow:4px 4px 4px 4px rgb(236, 79,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4293677010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 79, 210) }
```

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

```
.background{ background-color: rgb(236, 79,  
210) }
```

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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