

# Converting Colors

Android(4294184644)

Have a look what the booklet for  
Android(4294184644) contains.

<b>Android(4294184644)</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(4294184644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F40EC4
RGB	244, 14, 196
RGB Percent	96%, 5%, 77%
CMY	0.0431, 0.9451, 0.2314
CMYK	0.00, 0.94, 0.20, 0.04
HSL	313°, 91%, 51%
HSV	313°, 94%, 96%
XYZ	47.4291, 23.5327, 54.2670
YIQ	103.5180, 78.6580, 105.3620

# Conversions

## Conversions Part 2

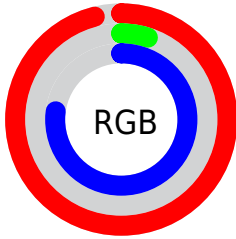
Format	Color
<a href="#">RYB</a>	244, 14, 196
Decimal	15994564
CIELab	55.62, 87.89, -35.09
CIELCh	56, 94.641, 338.235
Yxy	23.5327, 0.3787, 0.1879
Android (android.graphics.Color)	4294184644 (0xFFFF40EC4)
YUV	103.5180, 45.5936, 123.2027
Hunter-Lab	48.5105, 89.6273, -32.3683

# Details

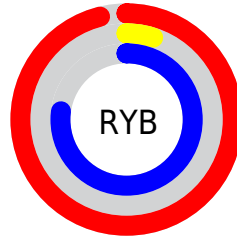
The Android color **4294184644** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **4279170110**, and the grayscale version is **4284966759**.

A 20% lighter version of the original color is **4294928381**, and **4290183310** is the 20% darker color. If you saturate the color by 10%, you get **4294181057**, and if you desaturate by 10%, it is **4294190793**.

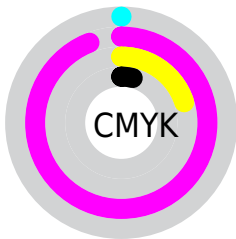
# Distribution



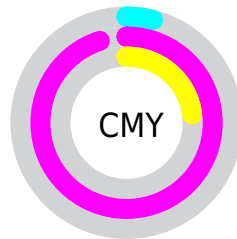
- Red (96%)
- Green (5%)
- Blue (77%)



- Red (96%)
- Yellow (5%)
- Blue (77%)



- Cyan (0%)
- Magenta (94%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (95%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294184644 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 4294184644 by changing the saturation by 10% instead.



 4294184644

 4294184644

4294967295

 4292149417

 4294928381

 4290183310

 4294936575

 4288217204

 4294944511

 4286251099

 4294952191

 4284350531

 4294960127

 4282449964

 4280483862

 4278190080

 4294184644

 4294184644

■ 4294181057

■ 4294190793

■ 4294197198

■ 4294203347

■ 4294209752

■ 4294215901

■ 4294222051

■ 4294228456

■ 4294234605

■ 4294241010

# Harmonies

## Analogous

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



4288438783



4294184644



4294901875

# Triad

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



4294184644



4287531264



4278232810

# Complementary

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



4294184644



4279170110

# 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.



4278232731



4294184644



4280457984

# Square

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



4294184644



4291913984



4278231875



4278230783

# Rectangle

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



4294184644



4294902078



4278231875



4278233042



# Sweetspot

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



4294184644



4294949104



4282126068



4286600310



4278190080



4286611584



# Same Dimension

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



4294184644



4294901962



4294184531



4286213752



4290379923



4282056750



# Inverse Universe

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



4294184644



4294901962



4279170223



4286213752



4290379923



4282056750



# Previews

## White Background



This preview shows how the Android color 4294184644 looks on a white background.

## Color Contrast Check

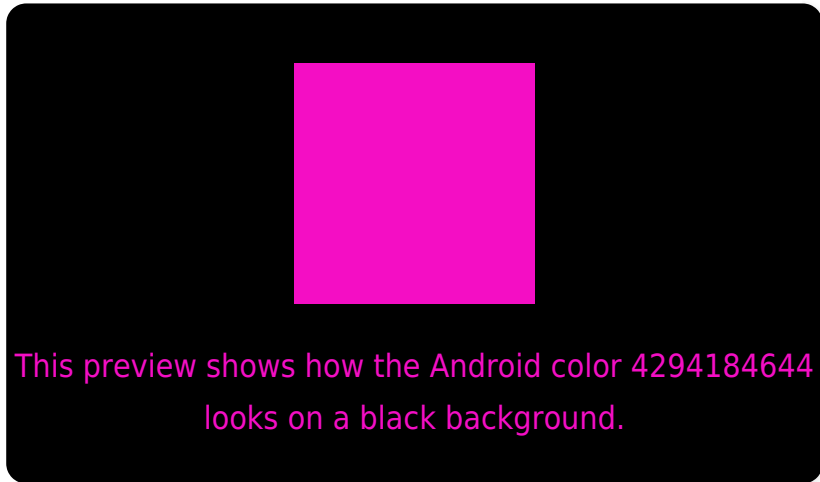
Large Text (above 18pt) WCAG AA ✓ Pass

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 4294184644 Background



This preview shows how black text looks on a background with the Android color 4294184644.



This preview shows how white text looks on a background with the Android color 4294184644.

# 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**

4294184644



**Protanomaly**

4286666986



**Deuteranomaly**

4288960956



**Tritanomaly**

4293801851

# Monochromacy



**Original Color**

4294184644



**Achromatopsia**

4285032552



**Achromatomaly**

4288366473

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294184644 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(244, 14, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 14, 196)  
}
```

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(244, 14, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 14, 196) }
```

## Border

The CSS property to change the border of an element to Android 4294184644 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(244, 14, 196) }
```

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

```
.border{ border-color:rgb(244, 14, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 14, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 14, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 14, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 14,  
196) }
```

# Background

The CSS property to change the background color of an element to Android 4294184644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 14, 196) }
```

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

```
.background{ background-color: rgb(244, 14,  
196) }
```

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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