

# Converting Colors

Android(4292552089)

Have a look what the booklet for  
Android(4292552089) contains.

<b>Android(4292552089)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4292552089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB2599
RGB	219, 37, 153
RGB Percent	86%, 15%, 60%
CMY	0.1412, 0.8549, 0.4000
CMYK	0.00, 0.83, 0.30, 0.14
HSL	322°, 72%, 50%
HSV	322°, 83%, 86%
XYZ	35.6248, 18.6831, 31.8656
YIQ	104.6420, 71.2360, 74.6600

# Conversions

## Conversions Part 2

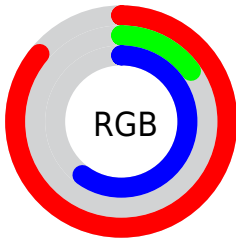
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 37, 153
Decimal	14362009
CIE <sub>Lab</sub>	50.31, 74.66, -18.45
CIE <sub>LCh</sub>	50, 76.910, 346.120
Yxy	18.6831, 0.4134, 0.2168
Android (android.graphics.Color)	4292552089 (0xFFDB2599)
YUV	104.6420, 23.8405, 100.2920
Hunter-Lab	43.2240, 71.4759, -13.4530

# Details

The Android color **4292552089** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **4280671079**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4294928847**, and **4288610406** is the 20% darker color. If you saturate the color by 10%, you get **4292546449**, and if you desaturate by 10%, it is **4292557729**.

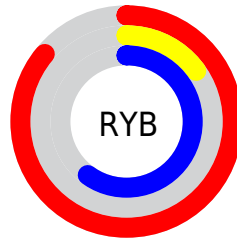
# Distribution



Red (86%)

Green (15%)

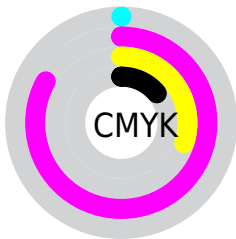
Blue (60%)



Red (86%)

Yellow (15%)

Blue (60%)

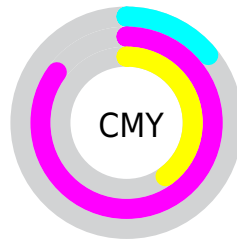


Cyan (0%)

Magenta (83%)

Yellow (30%)

Black (14%)



Cyan (14%)

Magenta (85%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292552089 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 4292552089 by changing the saturation by 10% instead.





4292552089



4292552089

4294967295



4290576511



4294928847



4288610406



4294936556



4286644302



4294944255



4284743735



4294951679



4283039778



4294959359



4281073670



4278190080



4292552089



4292552089



4292546449



4292557729

■ 4292542604

■ 4292563369

■ 4292569009

■ 4292574649

■ 4292580289

■ 4292585673

■ 4292591313

■ 4292596953

■ 4292602592

# Harmonies

## Analogous

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



4288959188



4292552089



4293401944

# Triad

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



4292552089



4285628416



4278227670

# Complementary

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



4292552089



4280671079

# 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.



4278228122



4292552089



4278225920

# Square

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



4292552089



4289358336



4278227542



4278225144

# Rectangle

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



4292552089



4292753966



4278227542



4278227908



# Sweetspot

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



4292552089



4294950888



4284818907



4286601586



4278190080



4286611584



# Same Dimension

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



4292552089



4294901923



4292552000



4285424490



4289527919



4281204765



# Inverse Universe

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



4292552089



4294901923



4280671168



4285424490



4289527919



4281204765



# Previews

## White Background



This preview shows how the Android color 4292552089 looks on a white background.

## Color Contrast Check

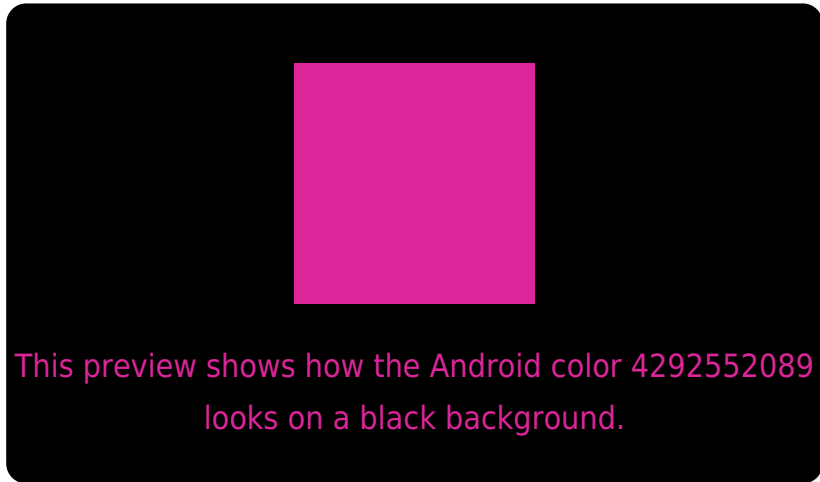
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292552089 Background



This preview shows how black text looks on a background with the Android color 4292552089.



This preview shows how white text looks on a background with the Android color 4292552089.

# 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



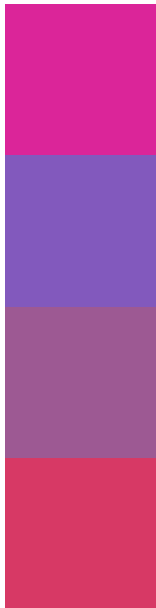
**Original Color**  
4292552089

**Protanopia**  
4283397842

**Deuteranopia**  
4286150287



# Trichromacy



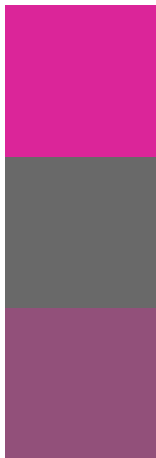
**Original Color**  
4292552089

**Protanomaly**  
4286732733

**Deuteranomaly**  
4288502163

**Tritanomaly**  
4292295013

# Monochromacy



**Original Color**  
4292552089

**Achromatopsia**  
4285098345

**Achromatomaly**  
4287778938

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292552089 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(219, 37, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 37, 153)  
}
```

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(219, 37, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 37, 153) }
```

## Border

The CSS property to change the border of an element to Android 4292552089 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(219, 37, 153) }
```

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

```
.border{ border-color:rgb(219, 37, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 37, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 37, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 37, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 37,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4292552089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 37, 153) }
```

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

```
.background{ background-color: rgb(219, 37,  
153) }
```

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