

# Converting Colors

Android(4290576516)

Have a look what the booklet for  
Android(4290576516) contains.

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**Color**

**Android(4290576516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD0084
RGB	189, 0, 132
RGB Percent	74%, 0%, 52%
CMY	0.2588, 1.0000, 0.4824
CMYK	0.00, 1.00, 0.30, 0.26
HSL	318°, 100%, 37%
HSV	318°, 100%, 74%
XYZ	25.1511, 12.4848, 22.9140
YIQ	71.5590, 70.2720, 81.1200

# Conversions

## Conversions Part 2

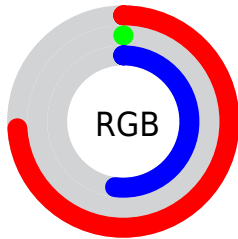
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 0, 132
Decimal	12386436
CIELab	41.98, 71.11, -19.00
CIELCh	42, 73.601, 345.037
Yxy	12.4848, 0.4154, 0.2062
Android (android.graphics.Color)	4290576516 (0xFFBD0084)
YUV	71.5590, 29.7974, 102.9958
Hunter-Lab	35.3338, 65.2249, -13.7160

# Details

The Android color **4290576516** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **4278238521**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4294596281**, and **4286709842** is the 20% darker color. If you saturate the color by 10%, you get **4290576516**, and if you desaturate by 10%, it is **4290581386**.

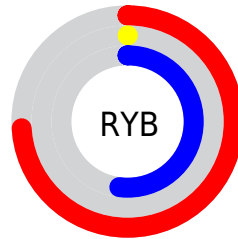
# Distribution



Red (74%)

Green (0%)

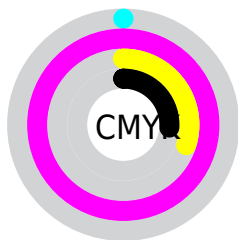
Blue (52%)



Red (74%)

Yellow (0%)

Blue (52%)

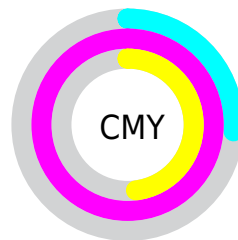


Cyan (0%)

Magenta (100%)

Yellow (30%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290576516 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 4290576516 by changing the saturation by 10% instead.



 4290576516

 4290576516


4294967295

 4288610411

 4294596281

 4286709842

 4294931669

 4284809275

 4294939121

 4283039781

 4294946559

 4281204750

 4294954239

 4278190080

 4294961663

 4290576516

 4290581386

■ 4290586255

■ 4290591125

■ 4290595995

■ 4290600865

■ 4290605478

■ 4290610348

■ 4290615218

■ 4290620087

# Harmonies

## Analogous

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



4287185082



4290576516



4291362888

# Triad

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



4290576516



4284312064



4278221753

# Complementary

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



4290576516



4278238521

# 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.



4278221953



4290576516



4278220032

# Square

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



4290576516



4287780096



4278221377



4278219738

# Rectangle

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



4290576516



4290847008



4278221377



4278221992



# Sweetspot

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



4290576516



4294290399



4281925821



4286205549



4294638330



4286216826



# Same Dimension

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



4290576516



4294246571



4290576422



4284372316



4288544878



4280221717



# Inverse Universe

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



4290576516



4294246571



4278238615



4284372316



4288544878



4280221717



# Previews

## White Background



This preview shows how the Android color 4290576516 looks on a white background.

## Color Contrast Check

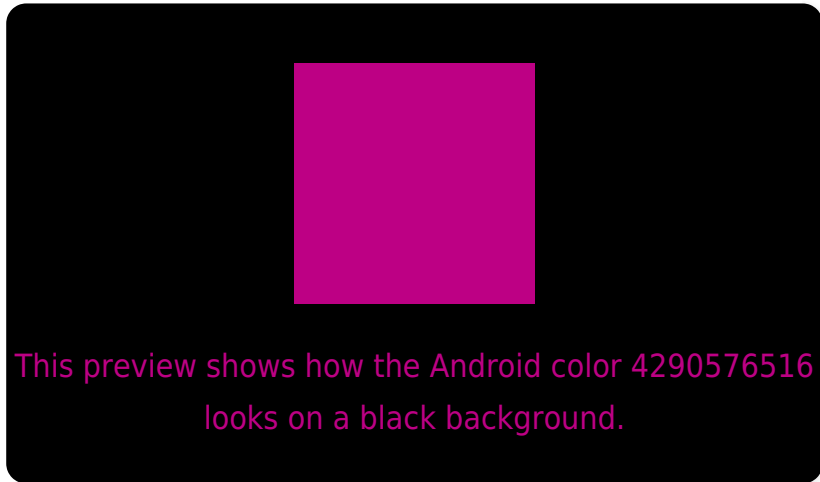
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4290576516 Background



This preview shows how black text looks on a background with the Android color 4290576516.



This preview shows how white text looks on a background with the Android color 4290576516.

# 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**

4290576516



**Protanomaly**

4285022120



**Deuteranomaly**

4286857086



**Tritanomaly**

4290388306

# Monochromacy



**Original Color**

4290576516



**Achromatopsia**

4282927176



**Achromatomaly**

4285738590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290576516 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(189, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 132)  
}
```

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(189, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 132) }
```

## Border

The CSS property to change the border of an element to Android 4290576516 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(189, 0, 132) }
```

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

```
.border{ border-color:rgb(189, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
132) }
```

# Background

The CSS property to change the background color of an element to Android 4290576516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 132) }
```

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

```
.background{ background-color: rgb(189, 0,  
132) }
```

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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