

Converting Colors

Android(4290591889)

Have a look what the booklet for
Android(4290591889) contains.

| | |
|--|----|
| Android(4290591889) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4290591889)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BD3C91 |
| RGB | 189, 60, 145 |
| RGB Percent | 74%, 24%, 57% |
| CMY | 0.2588, 0.7647, 0.4314 |
| CMYK | 0.00, 0.68, 0.23, 0.26 |
| HSL | 320°, 52%, 49% |
| HSV | 320°, 68%, 74% |
| XYZ | 27.7130, 16.0949, 28.4340 |
| YIQ | 108.2610, 49.5990, 53.7830 |

Conversions

Conversions Part 2

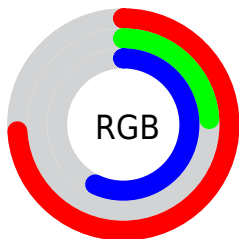
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 189, 60, 145 |
| Decimal | 12401809 |
| CIE _{Lab} | 47.10, 59.57, -19.05 |
| CIE _{LCh} | 47, 62.545, 342.271 |
| Yxy | 16.0949, 0.3836, 0.2228 |
| Android (android.graphics.Color) | 4290591889 (0xFFBD3C91) |
| YUV | 108.2610, 18.1123, 70.8081 |
| Hunter-Lab | 40.1184, 53.0969, -13.9391 |

Details

The Android color **4290591889** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **4282170728**, and the grayscale version is **4285295724**.

A 20% lighter version of the original color is **4294473159**, and **4286840926** is the 20% darker color. If you saturate the color by 10%, you get **4290587019**, and if you desaturate by 10%, it is **4290596759**.

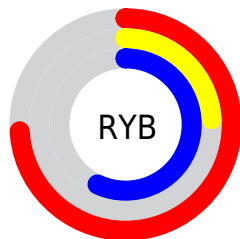
Distribution



Red (74%)

Green (24%)

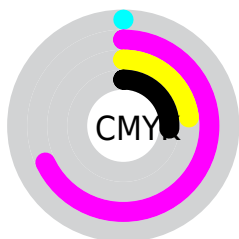
Blue (57%)



Red (74%)

Yellow (24%)

Blue (57%)

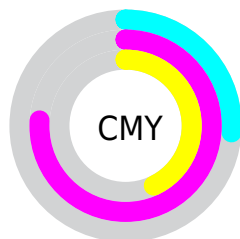


Cyan (0%)

Magenta (68%)

Yellow (23%)

Black (26%)



Cyan (26%)

Magenta (76%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290591889 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 4290591889 by changing the saturation by 10% instead.

 4290591889

 4290591889

4294967295

 4288682871

 4294473159

 4286840926

 4294939107

 4285005895

 4294946303

 4283236400

 4294953727

 4281532443

 4294961151

 4278845440

 4278190080

 4290591889

 4290591889

 4290587019

 4290596759

 4290582148

 4290601630

 4290577278

 4290606500

 4290576509

 4290611371

 4290616241

 4290620856

 4290625726

 4290630597

 4290635467

Harmonies

Analogous

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



4287387582



4290591889



4291572828

Triad

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



4290591889



4285756416



4278224566

Complementary

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



4290591889



4282170728

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.



4278224773



4290591889



4281696021

Square

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



4290591889



4288700928



4278224206



4278222548

Rectangle

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



4290591889



4291248187



4278224206



4278224807

Sweetspot

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



4290591889



4294296804



4284955837



4286209392



4294638330



4286216826

Same Dimension

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



4290591889



4294257840



4290591826



4284372315



4288544872



4280221716

Inverse Universe

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



4290591889



4294257840



4282170791



4284372315



4288544872



4280221716

Previews

White Background



This preview shows how the Android color 4290591889 looks on a white background.

Color Contrast Check

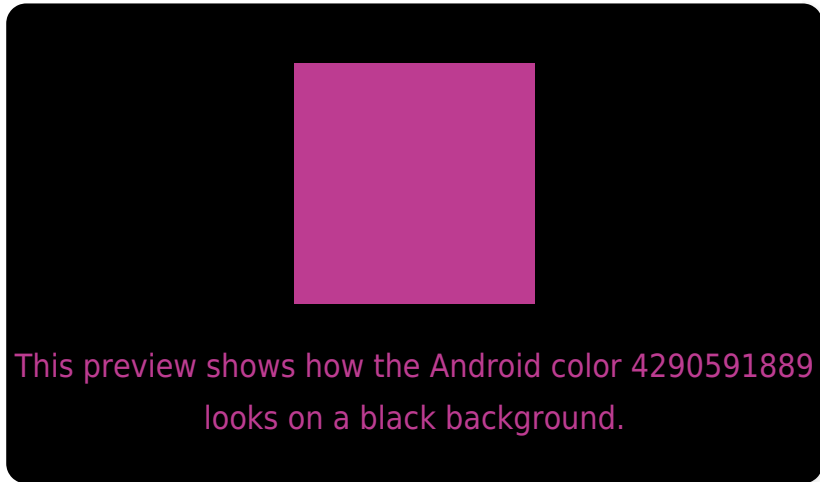
Large Text (above 18pt) WCAG AA ✓ Pass

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

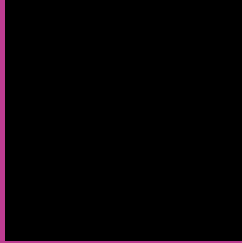
Any Text WCAG AA × Fail

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 4290591889 Background



This preview shows how black text looks on a background with the Android color 4290591889.



This preview shows how white text looks on a background with the Android color 4290591889.

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

4290591889

Protanomaly

4286209193

Deuteranomaly

4287323277

Tritanomaly

4290398057

Monochromacy



Original Color

4290591889

Achromatopsia

4285295724

Achromatomaly

4287191929

CSS Examples

Text

The CSS property to change the color of the text to Android 4290591889 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, 60, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 60, 145)  
}
```

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, 60, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 60, 145) }
```

Border

The CSS property to change the border of an element to Android 4290591889 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, 60, 145) }
```

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

```
.border{ border-color:rgb(189, 60, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 60, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 60, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 60, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 60,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4290591889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 60, 145) }
```

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

```
.background{ background-color: rgb(189, 60,  
145) }
```

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