

# Converting Colors

Android(4290707681)

Have a look what the booklet for  
Android(4290707681) contains.

<b>Android(4290707681)</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(4290707681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF00E1
RGB	191, 0, 225
RGB Percent	75%, 0%, 88%
CMY	0.2510, 1.0000, 0.1176
CMYK	0.15, 1.00, 0.00, 0.12
HSL	291°, 100%, 44%
HSV	291°, 100%, 88%
XYZ	35.0765, 16.5126, 72.5727
YIQ	82.7590, 41.6110, 110.4670

# Conversions

## Conversions Part 2

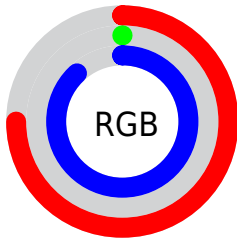
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 0, 225
Decimal	12517601
CIE Lab	47.64, 84.33, -64.98
CIE LCh	48, 106.463, 322.385
Yxy	16.5126, 0.2825, 0.1330
Android (android.graphics.Color)	4290707681 (0xFFBF00E1)
YUV	82.7590, 70.1248, 94.9274
Hunter-Lab	40.6357, 82.9675, -77.4430

# Details

The Android color **4290707681** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **4280475904**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4294728959**, and **4286841001** is the 20% darker color. If you saturate the color by 10%, you get **4290707681**, and if you desaturate by 10%, it is **4290909921**.

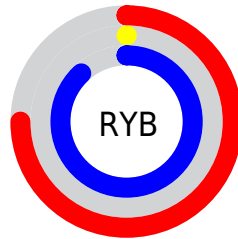
# Distribution



Red (75%)

Green (0%)

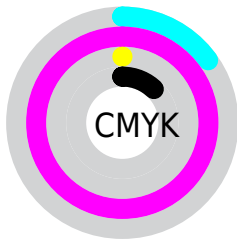
Blue (88%)



Red (75%)

Yellow (0%)

Blue (88%)

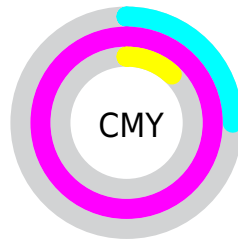


Cyan (15%)

Magenta (100%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (100%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290707681 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 4290707681 by changing the saturation by 10% instead.



 4290707681

 4290707681

4294967295

 4288741572

 4294728959

 4286841001


 4294933503

 4284874893

 4294940927

 4282974323

 4294948607

 4281073753

 4294956287

 4278190145

 4294964223


 4278190890

 4278190356

 4278190080


 4290707681

 4290909921

 4291177953

 4291380449

 4291648225

 4291850721

 4292052961

 4292320737

 4292523233

 4292791265

# Harmonies

## Analogous

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



4278216191



4290707681



4294639756

# Triad

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



4290707681



4288505344



4278227636

# Complementary

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



4290707681



4280475904

# 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.



4278227030



4290707681



4282810368

# Square

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



4290707681



4292552960



4278225664



4278227455

# Rectangle

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



4290707681



4294901842



4278225664



4278227606



# Sweetspot

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



4290707681



4294161407



4278200033



4286141056



4278190080



4286611584



# Same Dimension

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



4290707681



4292346111



4292935830



4285490544



4287955120



4280877104



# Inverse Universe

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



4292935714



4294901799



4278247755



4285556071



4289724443



4281335815



# Previews

## White Background



This preview shows how the Android color 4290707681 looks on a white background.

## Color Contrast Check

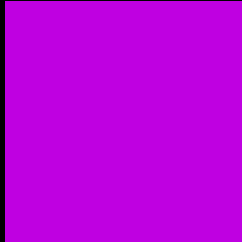
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4290707681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

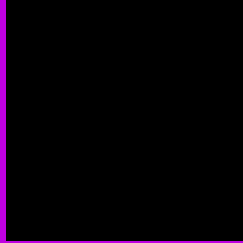
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4290707681 Background



This preview shows how black text looks on a background with the Android color 4290707681.



This preview shows how white text looks on a background with the Android color 4290707681.

# 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**  
4290707681

**Protanopia**  
4278218730

**Deuteranopia**  
4278220238



# Trichromacy



**Original Color**

4290707681



**Protanomaly**

4282730471



**Deuteranomaly**

4282731221



**Tritanomaly**

4290001038

# Monochromacy



**Original Color**

4290707681



**Achromatopsia**

4283650899



**Achromatomaly**

4286199175

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290707681 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(191, 0, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 225)  
}
```

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(191, 0, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 225) }
```

## Border

The CSS property to change the border of an element to Android 4290707681 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(191, 0, 225) }
```

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

```
.border{ border-color:rgb(191, 0, 225) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
225) }
```

# Background

The CSS property to change the background color of an element to Android 4290707681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 225) }
```

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

```
.background{ background-color: rgb(191, 0,  
225) }
```

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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