

# Converting Colors

Android(4288086206)

Have a look what the booklet for  
Android(4288086206) contains.

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**Color**

**Android(4288086206)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9700BE
RGB	151, 0, 190
RGB Percent	59%, 0%, 75%
CMY	0.4078, 1.0000, 0.2549
CMYK	0.21, 1.00, 0.00, 0.25
HSL	288°, 100%, 37%
HSV	288°, 100%, 75%
XYZ	22.0568, 10.2970, 49.5402
YIQ	66.8090, 29.0060, 91.1020

# Conversions

## Conversions Part 2

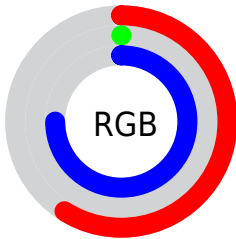
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 0, 190
Decimal	9896126
CIELab	38.37, 72.90, -60.08
CIElCh	38, 94.473, 320.506
Yxy	10.2970, 0.2693, 0.1257
Android (android.graphics.Color)	4288086206 (0xFF9700BE)
YUV	66.8090, 60.7332, 73.8355
Hunter-Lab	32.0890, 66.5386, -69.0720

# Details

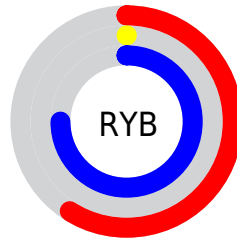
The Android color **4288086206** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **4280794624**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4291973623**, and **4284350599** is the 20% darker color. If you saturate the color by 10%, you get **4288086206**, and if you desaturate by 10%, it is **4288353214**.

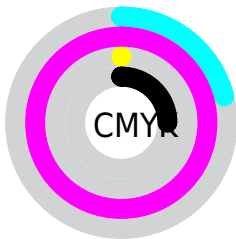
# Distribution



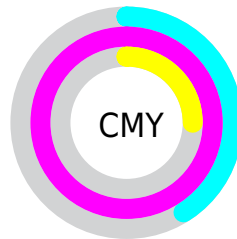
- Red (59%)
- Green (0%)
- Blue (75%)



- Red (59%)
- Yellow (0%)
- Blue (75%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (100%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288086206 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 4288086206 by changing the saturation by 10% instead.



 4288086206

 4288086206

4294967295

 4286185634

 4291973623

 4284350599

 4293947391

 4282450029

 4294937599

 4280680532

 4294945023

 4278190140

 4294952447

 4278190629

 4294960127

 4278190349

 4278190080

 4288086206

■ 4288353214

■ 4288620222

■ 4288887230

■ 4289154238

■ 4289355710

■ 4289622718

■ 4289889726

■ 4290156734

■ 4290423742

# Harmonies

## Analogous

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



4278211566



4288086206



4291690614

# Triad

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



4288086206



4286795520



4278220431

# Complementary

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



4288086206



4280794624

# 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.



4278219838



4288086206



4282017280

# Square

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



4288086206



4290187264



4278218752



4278220498

# Rectangle

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



4288086206



4292214852



4278218752



4278220405



# Sweetspot

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



4288086206



4293438967



4278200766



4285812861



4294769916



4286414205



# Same Dimension

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



4288086206



4291100919



4290642056



4284241246



4286447774



4279762975



# Inverse Universe

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



4290641959



4294377523



4278238774



4284372311



4288544800



4280221702



# Previews

## White Background



This preview shows how the Android color 4288086206 looks on a white background.

## Color Contrast Check

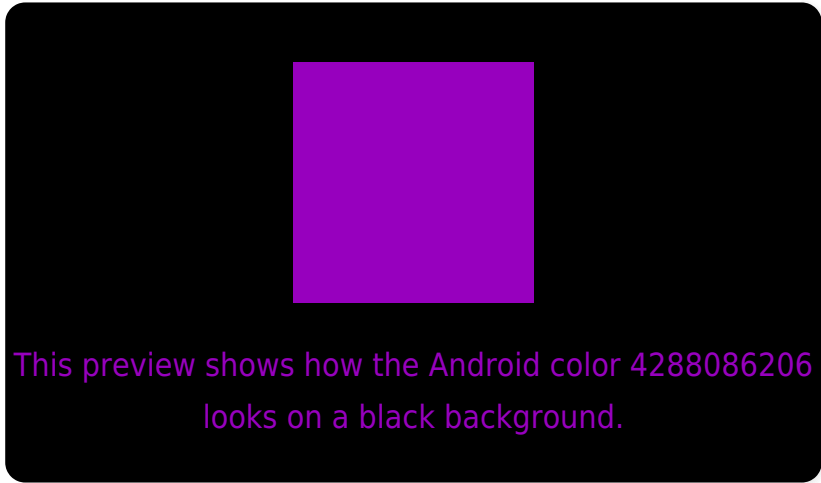
Large Text (above 18pt) WCAG AA ✓ Pass

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

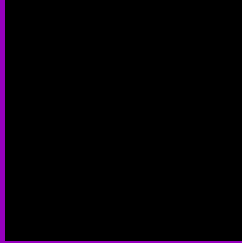
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4288086206 Background



This preview shows how black text looks on a background with the Android color 4288086206.



This preview shows how white text looks on a background with the Android color 4288086206.

# 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**

4288086206

**Protanopia**

4278213309

**Deuteranopia**

4278214565



# Trichromacy



**Original Color**

4288086206



**Protanomaly**

4281809341



**Deuteranomaly**

4281810094



**Tritanomaly**

4287442808

# Monochromacy



**Original Color**

4288086206



**Achromatopsia**

4282598211



**Achromatomaly**

4284623728

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288086206 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(151, 0, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 190)  
}
```

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(151, 0, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 190) }
```

## Border

The CSS property to change the border of an element to Android 4288086206 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(151, 0, 190) }
```

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

```
.border{ border-color:rgb(151, 0, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 0, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 0,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4288086206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 190) }
```

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

```
.background{ background-color: rgb(151, 0,  
190) }
```

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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