

# Converting Colors

Android(4289789696)

Have a look what the booklet for  
Android(4289789696) contains.

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**Color**

**Android(4289789696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0FF00
RGB	176, 255, 0
RGB Percent	69%, 100%, 0%
CMY	0.3098, 0.0000, 1.0000
CMYK	0.31, 0.00, 1.00, 0.00
HSL	79°, 100%, 50%
HSV	79°, 100%, 100%
XYZ	53.6645, 80.7501, 12.7579
YIQ	202.3090, 34.7710, -96.0530

# Conversions

## Conversions Part 2

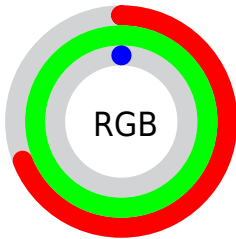
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 255, 79
Decimal	11599616
CIELab	92.02, -52.35, 88.37
CIELCh	92, 102.716, 120.640
Yxy	80.7501, 0.3646, 0.5487
Android (android.graphics.Color)	4289789696 (0xFFB0FF00)
YUV	202.3090, -99.7383, -23.0730
Hunter-Lab	89.8611, -50.6577, 54.4851

# Details

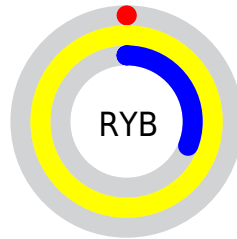
The Android color **4289789696** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4283367679**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4293787486**, and **4285842944** is the 20% darker color. If you saturate the color by 10%, you get **4289789696**, and if you desaturate by 10%, it is **4290314009**.

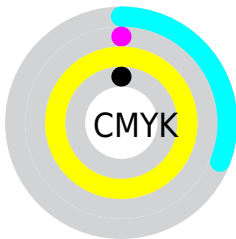
# Distribution



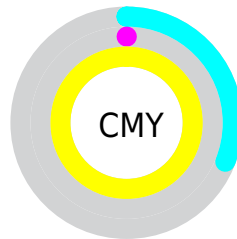
- Red (69%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (31%)



- Cyan (31%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289789696 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 4289789696 by changing the saturation by 10% instead.





4289789696



4289789696

4294967295



4287816192



4293787486



4285842944



4294967165



4283738624



4294967195



4281634560



4294967225



4278220032



4294967255



4278213632



4294967286



4278207232



4278201600



4278193408

 4289789696

 4290314009

 4290838323

 4291362637

 4291886950

 4292411264

 4292870041

 4293394355

 4293918668

 4294442982

# Harmonies

## Analogous

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



4294960384



4289789696



4278255489

# Triad

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



4289789696



4278255615



4294933482

# Complementary

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



4289789696



4283367679

# 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.



4294941695



4289789696



4278252799

# Square

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



4289789696



4278255615



4293185023



4294938506

# Rectangle

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



4289789696



4278255557



4293185023



4294935039

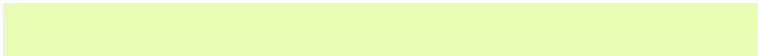


# Sweetspot

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



4289789696



4293394355



4294921472



4285628498



4278190080



4286611584



# Same Dimension

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



4289789696



4281597696



4286349427



4286889728



4281090048

# Inverse Universe

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



4283367679



4291559679



4286018432



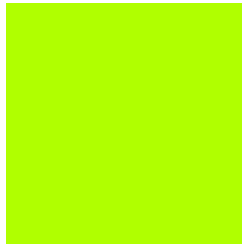
4282056895



4279500864

# Previews

## White Background



This preview shows how the Android color 4289789696 looks on a white background.

## Color Contrast Check

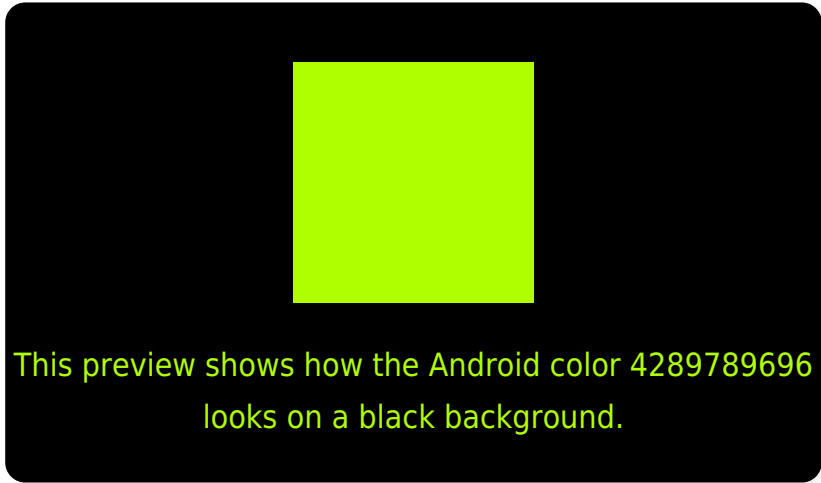
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

# Android 4289789696 Background



This preview shows how black text looks on a background with the Android color 4289789696.

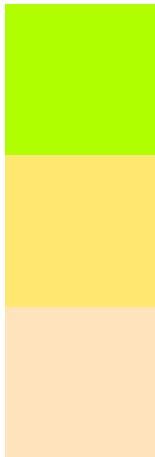


This preview shows how white text looks on a background with the Android color 4289789696.

# 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

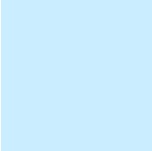


**Original Color**  
4289789696

**Protanopia**  
4294961008

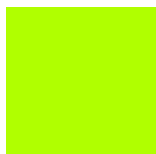
**Deuteranopia**  
4294960061





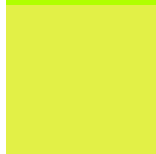
**Tritanopia**  
4291489279

# Trichromacy



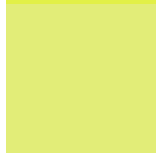
**Original Color**

4289789696



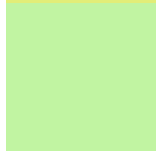
**Protanomaly**

4293062727



**Deuteranomaly**

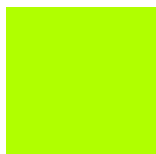
4293062008



**Tritanomaly**

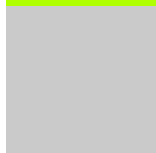
4290901154

# Monochromacy



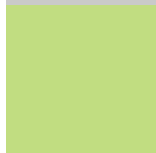
**Original Color**

4289789696



**Achromatopsia**

4291480266



**Achromatomaly**

4290895233

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289789696 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(176, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 0)  
}
```

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(176, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 0) }
```

## Border

The CSS property to change the border of an element to Android 4289789696 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(176, 255, 0) }
```

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

```
.border{ border-color:rgb(176, 255, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4289789696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 0) }
```

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

```
.background{ background-color: rgb(176,  
255, 0) }
```

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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