

# Converting Colors

Android(4288020589)

Have a look what the booklet for  
Android(4288020589) contains.

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**Color**

**Android(4288020589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96006D
RGB	150, 0, 109
RGB Percent	59%, 0%, 43%
CMY	0.4118, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.27, 0.41
HSL	316°, 100%, 29%
HSV	316°, 100%, 59%
XYZ	15.3380, 7.5882, 15.1243
YIQ	57.2760, 54.4110, 65.6990

# Conversions

## Conversions Part 2

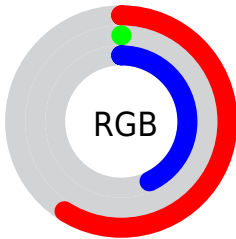
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 0, 109
Decimal	9830509
CIE <sub>Lab</sub>	33.11, 60.53, -18.91
CIE <sub>LCh</sub>	33, 63.418, 342.656
Yxy	7.5882, 0.4031, 0.1994
Android (android.graphics.Color)	4288020589 (0xFF96006D)
YUV	57.2760, 25.4999, 81.3189
Hunter-Lab	27.5466, 51.1825, -13.2701

# Details

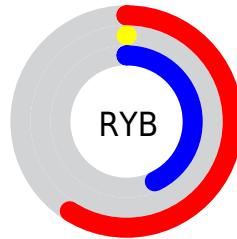
The Android color **4288020589** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **4278228521**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4291841185**, and **4284350525** is the 20% darker color. If you saturate the color by 10%, you get **4288020589**, and if you desaturate by 10%, it is **4288024433**.

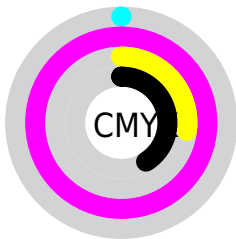
# Distribution



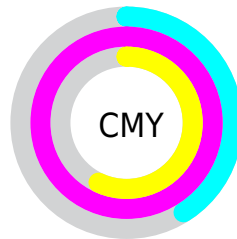
- Red (59%)
- Green (0%)
- Blue (43%)



- Red (59%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288020589 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 4288020589 by changing the saturation by 10% instead.



 4288020589

 4288020589

4294967295

 4286185557

 4291841185

 4284350525

 4293814460

 4282646567

 4294935768

 4280877073

 4294942964

 4278190080

 4294950399

 4294957823

 4294965503

 4288020589

■ 4288024433

■ 4288028277

■ 4288032121

■ 4288035965

■ 4288039810

■ 4288043654

■ 4288047498

■ 4288051342

■ 4288055186

# Harmonies

## Analogous

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



4284953497



4288020589



4288806971

# Triad

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



4288020589



4283257344



4278215314

# Complementary

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



4288020589



4278228521

# 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.



4278215267



4288020589



4278213632

# Square

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



4288020589



4286005248



4278214958



4278213807

# Rectangle

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



4288020589



4288418331



4278214958



4278215299



# Sweetspot

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



4288020589



4290939058



4280811670



4284563031



4292927712



4284572001



# Same Dimension

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



4288020589



4290904205



4288020515



4283056968



4287234148



4278845447



# Inverse Universe

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



4288020589



4290904205



4278228595



4283056968



4287234148



4278845447



# Previews

## White Background



This preview shows how the Android color 4288020589 looks on a white background.

## Color Contrast Check

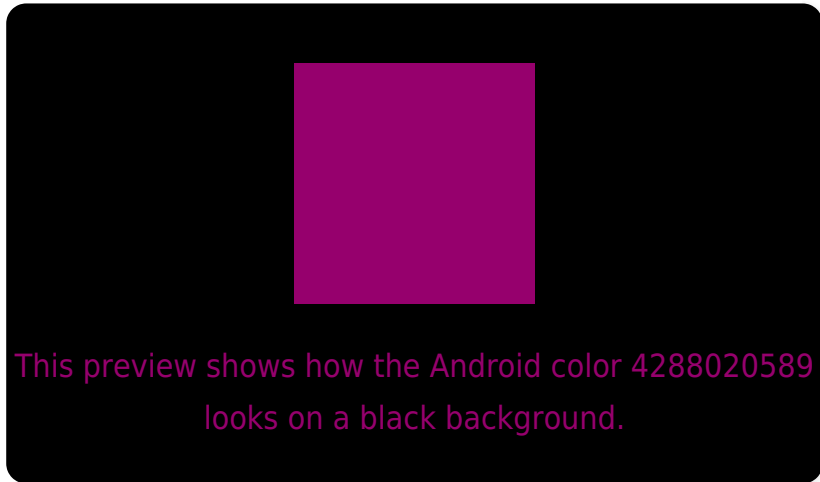
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

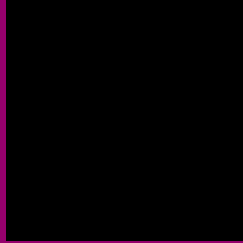
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4288020589 Background



This preview shows how black text looks on a background with the Android color 4288020589.



This preview shows how white text looks on a background with the Android color 4288020589.

# 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



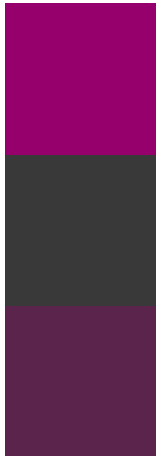
**Original Color**  
4288020589

**Protanomaly**  
4283380362

**Deuteranomaly**  
4285018729

**Tritanomaly**  
4287830852

# Monochromacy



**Original Color**  
4288020589

**Achromatopsia**  
4281940281

**Achromatomaly**  
4284163148

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288020589 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(150, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 109)  
}
```

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(150, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 109) }
```

## Border

The CSS property to change the border of an element to Android 4288020589 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(150, 0, 109) }
```

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

```
.border{ border-color:rgb(150, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
109) }
```

# Background

The CSS property to change the background color of an element to Android 4288020589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 109) }
```

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

```
.background{ background-color: rgb(150, 0,  
109) }
```

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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