

# Converting Colors

Android(4289069102)

Have a look what the booklet for  
Android(4289069102) contains.

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# Color

**Android(4289069102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6002E
RGB	166, 0, 46
RGB Percent	65%, 0%, 18%
CMY	0.3490, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.72, 0.35
HSL	343°, 100%, 33%
HSV	343°, 100%, 65%
XYZ	16.2190, 8.3042, 3.3328
YIQ	54.8780, 84.1700, 49.4980

# Conversions

## Conversions Part 2

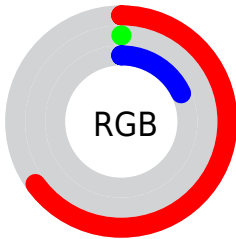
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 0, 46
Decimal	10879022
CIELab	34.61, 59.19, 24.69
CIElCh	35, 64.135, 22.646
Yxy	8.3042, 0.5822, 0.2981
Android (android.graphics.Color)	4289069102 (0xFFA6002E)
YUV	54.8780, -4.3769, 97.4540
Hunter-Lab	28.8171, 50.0346, 13.3148

# Details

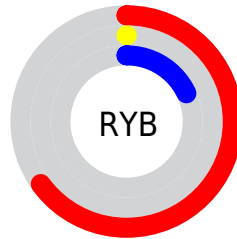
The Android color **4289069102** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278232696**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4293152092**, and **4285136896** is the 20% darker color. If you saturate the color by 10%, you get **4289069102**, and if you desaturate by 10%, it is **4289073466**.

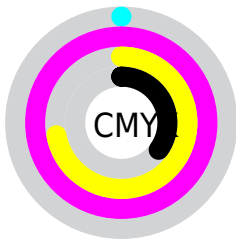
# Distribution



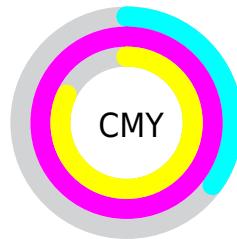
- Red (65%)
- Green (0%)
- Blue (18%)



- Red (65%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (72%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289069102 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 4289069102 by changing the saturation by 10% instead.



 4289069102

 4289069102

4294967295

 4287103002

 4293152092

 4285136896

 4294928756

 4283170817

 4294936206

 4281270274

 4294943400

 4278190080

 4294950595

 4294958303

 4294965756

 4289069102

 4289073466

 4289077574

 4289081938

 4289086046

 4289090410

 4289094774

 4289098882

 4289103246

 4289107354

# Harmonies

## Analogous

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



4288872544



4289069102



4287770880

# Triad

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



4289069102



4278215172



4278213816

# Complementary

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



4289069102



4278232696

# 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.



4278215843



4289069102



4278216003

# Square

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



4289069102



4282407424



4278216312



4280109745

# Rectangle

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



4289069102



4286333952



4278216312



4278214836



# Sweetspot

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



4289069102



4292450474



4285989030



4285417041



4293783021



4285427310



# Same Dimension

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



4289069102



4292411452



4289078272



4283714638



4287889449



4279500806



# Inverse Universe

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



4289069102



4292411452



4278223526



4283714638



4287889449



4279500806



# Previews

## White Background



This preview shows how the Android color 4289069102 looks on a white background.

## Color Contrast Check

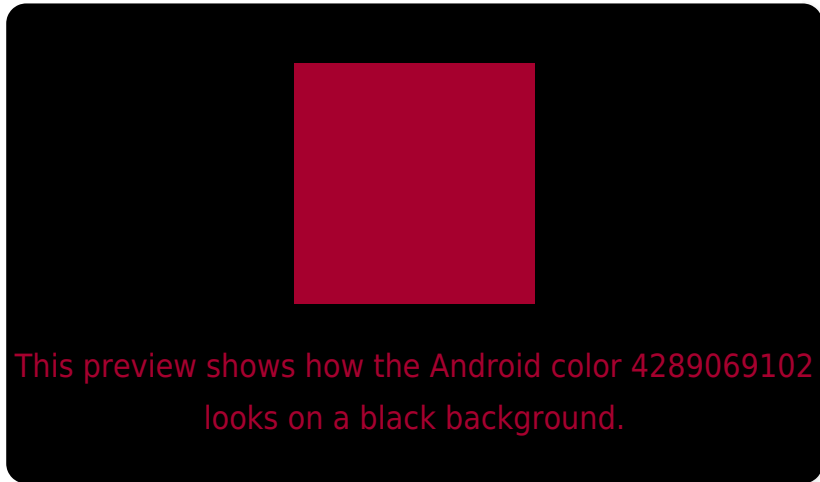
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289069102 Background



This preview shows how black text looks on a background with the Android color 4289069102.



This preview shows how white text looks on a background with the Android color 4289069102.

# 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**  
4289069102

**Protanopia**  
4284044357

**Deuteranopia**  
4285091877



# Trichromacy



**Original Color**  
4289069102

**Protanomaly**  
4285871421

**Deuteranomaly**  
4286526248

**Tritanomaly**  
4289006618

# Monochromacy



**Original Color**  
4289069102

**Achromatopsia**  
4281808695

**Achromatomaly**  
4284425012

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289069102 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(166, 0, 46)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 46)  
}
```

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(166, 0, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 46) }
```

## Border

The CSS property to change the border of an element to Android 4289069102 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(166, 0, 46) }
```

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

```
.border{ border-color:rgb(166, 0, 46) }
```

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

Here you see how a box with a 4 pixel rgb(166, 0, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 46);  
box-shadow:4px 4px 4px 4px rgb(166, 0, 46)  
}
```

# Background

The CSS property to change the background color of an element to Android 4289069102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 46) }
```

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

```
.background{ background-color: rgb(166, 0,  
46) }
```

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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