

# Converting Colors

Android(4288413729)

Have a look what the booklet for  
Android(4288413729) contains.

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# Color

**Android(4288413729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C0021
RGB	156, 0, 33
RGB Percent	61%, 0%, 13%
CMY	0.3882, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.79, 0.39
HSL	347°, 100%, 31%
HSV	347°, 100%, 61%
XYZ	13.9848, 7.1777, 2.0872
YIQ	50.4060, 82.3830, 43.3350

# Conversions

## Conversions Part 2

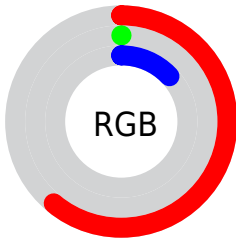
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 0, 33
Decimal	10223649
CIE <sub>Lab</sub>	32.21, 56.17, 29.59
CIE <sub>LCh</sub>	32, 63.487, 27.781
Yxy	7.1777, 0.6015, 0.3087
Android (android.graphics.Color)	4288413729 (0xFF9C0021)
YUV	50.4060, -8.5812, 92.6059
Hunter-Lab	26.7913, 46.2907, 14.1348

# Details

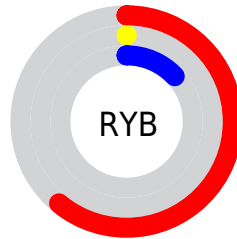
The Android color **4288413729** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278230139**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4292495949**, and **4284481536** is the 20% darker color. If you saturate the color by 10%, you get **4288413729**, and if you desaturate by 10%, it is **4288417837**.

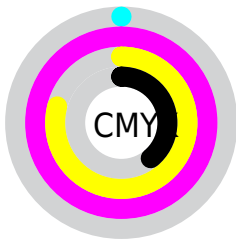
# Distribution



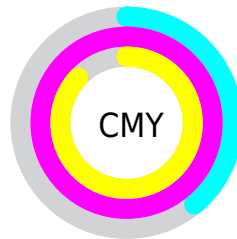
- Red (61%)
- Green (0%)
- Blue (13%)



- Red (61%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288413729 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 4288413729 by changing the saturation by 10% instead.



 4288413729

 4288413729

4294967295

 4286447628

 4292495949

 4284481536

 4294534757

 4282580994

 4294935166

 4280549377

 4294942360

 4278190080

 4294949555

 4294957007

 4294964715

 4288413729

 4288417837

 4288421690

 4288425798

 4288429650

 4288433759

 4288437867

 4288441719

 4288445827

 4288449680

# Harmonies

## Analogous

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



4288479314



4288413729



4286984448

# Triad

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



4288413729



4278213901



4278211761

# Complementary

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



4288413729



4278230139

# 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.



4278214049



4288413729



4278214471

# Square

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



4288413729



4281357824



4278214777



4281680038

# Rectangle

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



4288413729



4285415936



4278214777



4278212783



# Sweetspot

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



4288413729



4291596188



4286185628



4284891465



4293322470



4284900966



# Same Dimension

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



4288413729



4291559467



4288424960



4283385673



4287561758



4279173123



# Inverse Universe

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



4288413729



4291559467



4278218908



4283385673



4287561758



4279173123



# Previews

## White Background



This preview shows how the Android color 4288413729 looks on a white background.

## Color Contrast Check

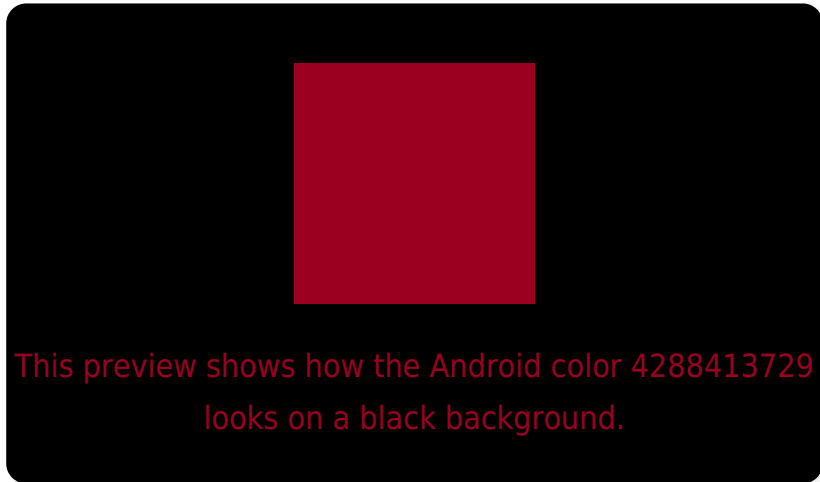
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288413729 Background



This preview shows how black text looks on a background with the Android color 4288413729.



This preview shows how white text looks on a background with the Android color 4288413729.

# 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**

4288413729

**Protanopia**

4283846451

**Deuteranopia**

4284697366



# Trichromacy



**Original Color**  
4288413729

**Protanomaly**  
4285477420

**Deuteranomaly**  
4286066714

**Tritanomaly**  
4288416015

# Monochromacy



**Original Color**  
4288413729

**Achromatopsia**  
4281479730

**Achromatomaly**  
4284031020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288413729 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(156, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 33)  
}
```

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(156, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 33) }
```

## Border

The CSS property to change the border of an element to Android 4288413729 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(156, 0, 33) }
```

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

```
.border{ border-color:rgb(156, 0, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 0, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 33)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288413729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 33) }
```

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

```
.background{ background-color: rgb(156, 0,  
33) }
```

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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