

# Converting Colors

Android(4288879649)

Have a look what the booklet for  
Android(4288879649) contains.

<b>Android(4288879649)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4288879649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A31C21
RGB	163, 28, 33
RGB Percent	64%, 11%, 13%
CMY	0.3608, 0.8902, 0.8706
CMYK	0.00, 0.83, 0.80, 0.36
HSL	358°, 71%, 37%
HSV	358°, 83%, 64%
XYZ	15.7940, 8.7268, 2.2909
YIQ	68.9350, 78.8550, 30.1750

# Conversions

## Conversions Part 2

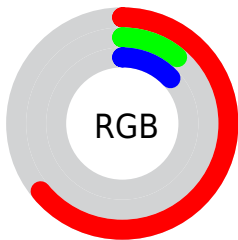
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 28, 33
Decimal	10689569
CIELab	35.45, 53.11, 33.50
CIElCh	35, 62.790, 32.243
Yxy	8.7268, 0.5891, 0.3255
Android (android.graphics.Color)	4288879649 (0xFFA31C21)
YUV	68.9350, -17.7160, 82.4950
Hunter-Lab	29.5412, 43.7367, 16.0811

# Details

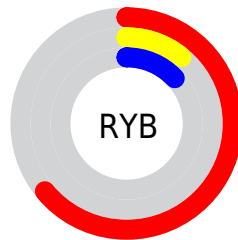
The Android color **4288879649** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4280066974**, and the grayscale version is **4282729797**.

A 20% lighter version of the original color is **4292958030**, and **4284940288** is the 20% darker color. If you saturate the color by 10%, you get **4288875537**, and if you desaturate by 10%, it is **4288883761**.

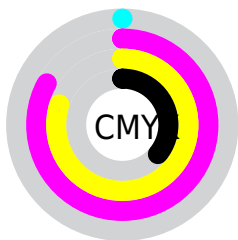
# Distribution



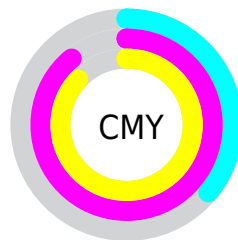
- Red (64%)
- Green (11%)
- Blue (13%)



- Red (64%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (83%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (87%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288879649 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 4288879649 by changing the saturation by 10% instead.





4288879649



4288879649

4294967295



4286906380



4292958030



4284940288



4294931046



4282974208



4294938239



4281139202



4294945433



4278190080



4294952628



4294960080



4294967276



4288879649



4288879649

■ 4288875537

■ 4288883761

■ 4288872454

■ 4288888128

■ 4288892240

■ 4288896352

■ 4288900719

■ 4288904831

■ 4288908943

■ 4288913055

■ 4288917422

# Harmonies

## Analogous

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



4289200210



4288879649



4287249664

# Triad

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



4288879649



4278215968



4278213049

# Complementary

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



4288879649



4280066974

# 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.



4278215853



4288879649



4278216790

# Square

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



4288879649



4281229056



4278216840



4283516074

# Rectangle

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



4288879649



4285615360



4278216840



4278214328



# Sweetspot

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



4288879649



4292124577



4288421027



4285221708



4293651435



4285229931



# Same Dimension

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



4288879649



4292084234



4288895260



4283582794



4287692805



4279369729



# Inverse Universe

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



4288879649



4292084234



4280051363



4283582794



4287692805



4279369729



# Previews

## White Background



This preview shows how the Android color 4288879649 looks on a white background.

## Color Contrast Check

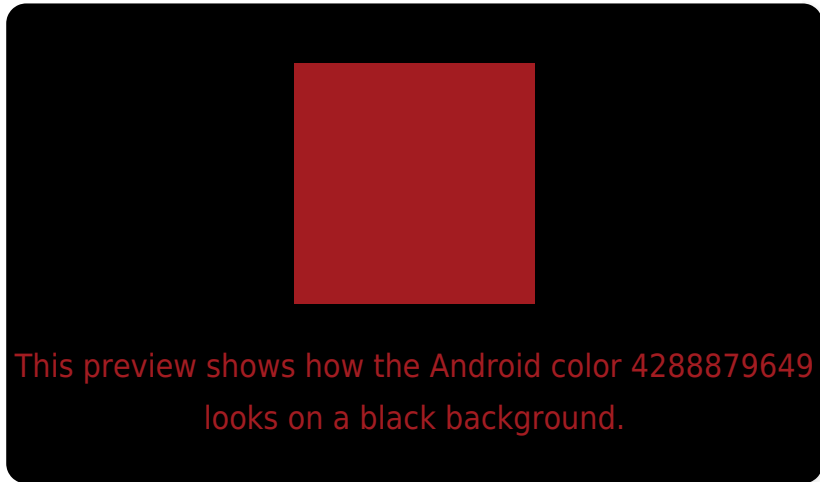
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288879649 Background



This preview shows how black text looks on a background with the Android color 4288879649.



This preview shows how white text looks on a background with the Android color 4288879649.

# 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**  
4288879649

**Protanopia**  
4284306737

**Deuteranopia**  
4285223190



# Trichromacy



**Original Color**  
4288879649

**Protanomaly**  
4285939755

**Deuteranomaly**  
4286529050

**Tritanomaly**  
4288879902

# Monochromacy



**Original Color**  
4288879649

**Achromatopsia**  
4282729797

**Achromatomaly**  
4284954168

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288879649 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(163, 28, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 28, 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(163, 28, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 28, 33) }
```

## Border

The CSS property to change the border of an element to Android 4288879649 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(163, 28, 33) }
```

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

```
.border{ border-color:rgb(163, 28, 33) }
```

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

Here you see how a box with a 4 pixel rgb(163, 28, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 28, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 28, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 28,  
33) }
```

# Background

The CSS property to change the background color of an element to Android 4288879649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 28, 33) }
```

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

```
.background{ background-color: rgb(163, 28,  
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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