

# Converting Colors

Android(4288938021)

Have a look what the booklet for  
Android(4288938021) contains.

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# Color

**Android(4288938021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A40025
RGB	164, 0, 37
RGB Percent	64%, 0%, 15%
CMY	0.3569, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.77, 0.36
HSL	346°, 100%, 32%
HSV	346°, 100%, 64%
XYZ	15.6438, 8.0261, 2.4749
YIQ	53.2540, 85.8670, 46.2750

# Conversions

## Conversions Part 2

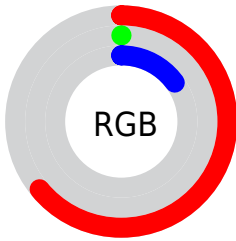
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 0, 37
Decimal	10747941
CIELab	34.04, 58.34, 29.62
CIElCh	34, 65.423, 26.917
Yxy	8.0261, 0.5984, 0.3070
Android (android.graphics.Color)	4288938021 (0xFFA40025)
YUV	53.2540, -8.0132, 97.1242
Hunter-Lab	28.3303, 48.9880, 14.6517

# Details

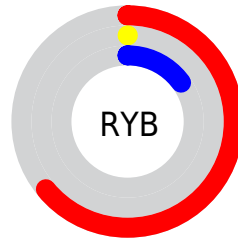
The Android color **4288938021** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278232191**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4293020754**, and **4284940288** is the 20% darker color. If you saturate the color by 10%, you get **4288938021**, and if you desaturate by 10%, it is **4288942130**.

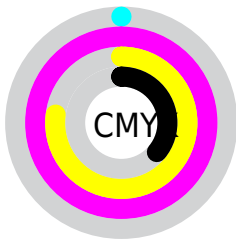
# Distribution



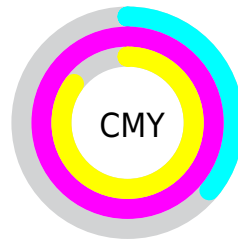
- Red (64%)
- Green (0%)
- Blue (15%)



- Red (64%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288938021 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 4288938021 by changing the saturation by 10% instead.



 4288938021

 4288938021

4294967295

 4286906385

 4293020754

 4284940288

 4294928746

 4283039745

 4294935939

 4281139201

 4294943133


 4278190080

 4294950328

 4294957780

 4294965488

 4288938021

 4288942130

 4288946494

 4288950603

 4288954968

 4288959077

 4288963185

 4288967550

 4288971659

 4288976023

# Harmonies

## Analogous

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



4289003608



4288938021



4287443712

# Triad

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



4288938021



4278214925



4278213050

# Complementary

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



4288938021



4278232191

# 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.



4278215592



4288938021



4278215753

# Square

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



4288938021



4281686528



4278216062



4281681326

# Rectangle

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



4288938021



4285875456



4278216062



4278214071



# Sweetspot

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



4288938021



4292253348



4286447780



4285220173



4293651435



4285229931



# Same Dimension

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



4288938021



4292214832



4288949248



4283582795



4287692833



4279369732



# Inverse Universe

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



4288938021



4292214832



4278220964



4283582795



4287692833



4279369732



# Previews

## White Background



This preview shows how the Android color 4288938021 looks on a white background.

## Color Contrast Check

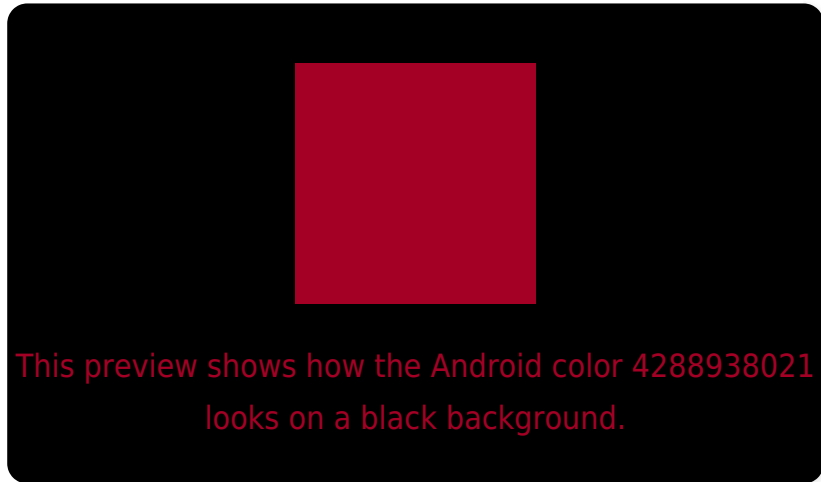
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288938021 Background



This preview shows how black text looks on a background with the Android color 4288938021.



This preview shows how white text looks on a background with the Android color 4288938021.

# 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**  
4288938021

**Protanopia**  
4284109624

**Deuteranopia**  
4285026075



# Trichromacy



**Original Color**

4288938021

**Protanomaly**

4285871409

**Deuteranomaly**

4286460447

**Tritanomaly**

4288940562

# Monochromacy



**Original Color**

4288938021

**Achromatopsia**

4281677109

**Achromatomaly**

4284293679

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288938021 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(164, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 37)  
}
```

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(164, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 37) }
```

## Border

The CSS property to change the border of an element to Android 4288938021 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(164, 0, 37) }
```

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

```
.border{ border-color:rgb(164, 0, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 0, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 37);  
box-shadow:4px 4px 4px 4px rgb(164, 0, 37)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288938021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 37) }
```

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

```
.background{ background-color: rgb(164, 0,  
37) }
```

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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