

# Converting Colors

Android(4289471010)

Have a look what the booklet for  
Android(4289471010) contains.

<b>Android(4289471010)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4289471010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC2222
RGB	172, 34, 34
RGB Percent	67%, 13%, 13%
CMY	0.3255, 0.8667, 0.8667
CMYK	0.00, 0.80, 0.80, 0.33
HSL	0°, 67%, 40%
HSV	0°, 80%, 67%
XYZ	17.8740, 10.0302, 2.5073
YIQ	75.2620, 82.2480, 29.2560

# Conversions

## Conversions Part 2

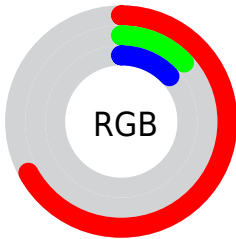
Format	Color
<a href="#">RYB</a>	<a href="#">172, 34, 34</a>
Decimal	<a href="#">11280930</a>
CIELab	<a href="#">37.90, 54.15, 36.02</a>
CIElCh	<a href="#">38, 65.037, 33.636</a>
Yxy	<a href="#">10.0302, 0.5877, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4289471010</a> ( <a href="#">0xFFAC2222</a> )
YUV	<a href="#">75.2620, -20.3422, 84.8392</a>
Hunter-Lab	<a href="#">31.6705, 45.3175, 17.4754</a>

# Details

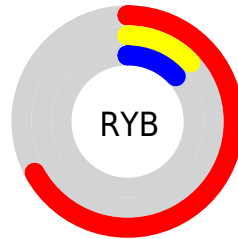
The Android color **4289471010** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **4280462508**, and the grayscale version is **4283124555**.

A 20% lighter version of the original color is **4293549135**, and **4285464576** is the 20% darker color. If you saturate the color by 10%, you get **4289466641**, and if you desaturate by 10%, it is **4289475379**.

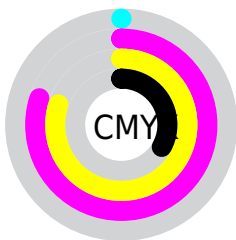
# Distribution



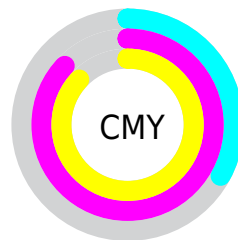
- Red (67%)
- Green (13%)
- Blue (13%)



- Red (67%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289471010 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 4289471010 by changing the saturation by 10% instead.





4289471010



4289471010

4294967295



4287430669



4293549135



4285464576



4294932584



4283498496



4294939777



4281729026



4294946971



4278517760



4294954166



4278190080



4294961618



4294967278



4289471010



4289471010

 4289466641

 4289475379

 4289462272

 4289479748

 4289484374

 4289488743

 4289493112

 4289497481

 4289501850

 4289506476

 4289510845

# Harmonies

## Analogous

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



4289855573



4289471010



4287710208

# Triad

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



4289471010



4278217766



4278214340

# Complementary

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



4289471010



4280462508

# 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.



4278217656



4289471010



4278218590

# Square

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



4289471010



4281296384



4278218643



4284237746

# Rectangle

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



4289471010



4286010112



4278218643



4278215875



# Sweetspot

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



4289471010



4292914091



4289471148



4285550672



4293980400



4285558896



# Same Dimension

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



4289471010



4292872457



4289488674



4283911758



4288020480



4279697408

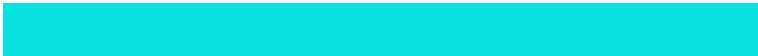


# Inverse Universe

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



4280462508



4278837472



4280444844



4283324247



4278228630



4278195991



# Previews

## White Background



This preview shows how the Android color 4289471010 looks on a white background.

## Color Contrast Check

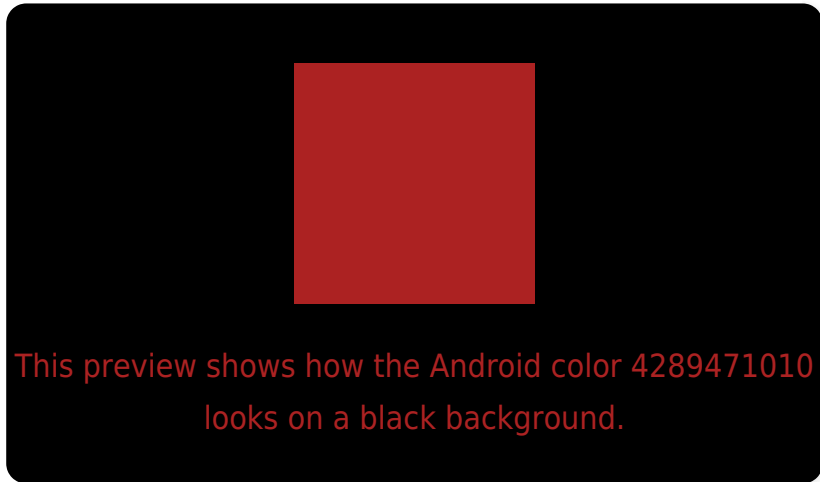
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4289471010 Background



This preview shows how black text looks on a background with the Android color 4289471010.



This preview shows how white text looks on a background with the Android color 4289471010.

# 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**  
4289471010

**Protanopia**  
4284767026

**Deuteranopia**  
4285683222



# Trichromacy



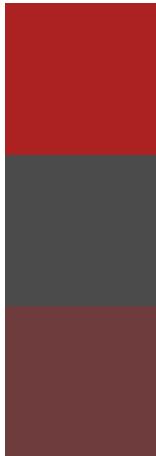
**Original Color**  
4289471010

**Protanomaly**  
4286465580

**Deuteranomaly**  
4287054618

**Tritanomaly**  
4289471010

# Monochromacy



**Original Color**  
4289471010

**Achromatopsia**  
4283124555

**Achromatomaly**  
4285414460

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289471010 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(172, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(172, 34, 34)  
}
```

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(172, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 34, 34) }
```

## Border

The CSS property to change the border of an element to Android 4289471010 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(172, 34, 34) }
```

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

```
.border{ border-color:rgb(172, 34, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 34, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(172, 34,  
34) }
```

# Background

The CSS property to change the background color of an element to Android 4289471010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 34, 34) }
```

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

```
.background{ background-color: rgb(172, 34,  
34) }
```

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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