

# Converting Colors

Android(4290969652)

Have a look what the booklet for  
Android(4290969652) contains.

<b>Android(4290969652)</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(4290969652)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C30034
RGB	195, 0, 52
RGB Percent	76%, 0%, 20%
CMY	0.2353, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.73, 0.24
HSL	344°, 100%, 38%
HSV	344°, 100%, 76%
XYZ	23.1255, 11.8500, 4.3172
YIQ	64.2330, 99.5280, 57.5120

# Conversions

## Conversions Part 2

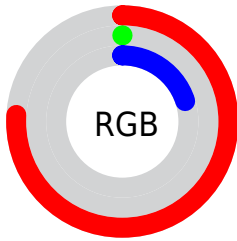
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 0, 52
Decimal	12779572
CIE <sub>Lab</sub>	40.98, 66.55, 30.04
CIE <sub>LCh</sub>	41, 73.018, 24.290
Yxy	11.8500, 0.5885, 0.3016
Android (android.graphics.Color)	4290969652 (0xFFC30034)
YUV	64.2330, -6.0309, 114.6827
Hunter-Lab	34.4239, 59.6722, 16.6609

# Details

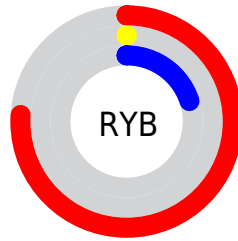
The Android color **4290969652** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278240143**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4294923362**, and **4286840841** is the 20% darker color. If you saturate the color by 10%, you get **4290969652**, and if you desaturate by 10%, it is **4290974530**.

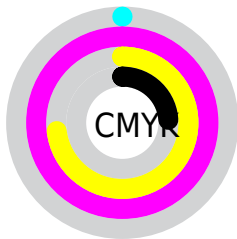
# Distribution



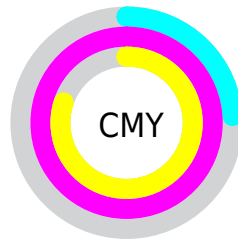
- Red (76%)
- Green (0%)
- Blue (20%)



- Red (76%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290969652 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 4290969652 by changing the saturation by 10% instead.



 4290969652

 4290969652

4294967295

 4288938015

 4294923362

 4286840841

 4294930811

 4284809216

 4294938261

 4282908675

 4294945712

 4280877057

 4294953419

 4278190080

 4294960871

 4290969652

 4290974530

 4290979665

 4290984799

 4290989677

 4290994811

 4290999690

 4291004568

 4291009702

 4291014837

# Harmonies

## Analogous

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



4290838639



4290969652



4289346816

# Triad

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



4290969652



4278219787



4278217946

# Complementary

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



4290969652



4278240143

# 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.



4278220482



4290969652



4278220883

# Square

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



4290969652



4282870784



4278221201



4281358032

# Rectangle

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



4290969652



4287648256



4278221201



4278219222



# Sweetspot

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



4290969652



4294750661



4287561923



4286599774



4278190080



4286611584



# Same Dimension

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



4290969652



4294705219



4290981376



4284569434



4288741419



4280352777



# Inverse Universe

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



4290969652



4294705219



4278228419



4284569434



4288741419



4280352777



# Previews

## White Background



This preview shows how the Android color 4290969652 looks on a white background.

## Color Contrast Check

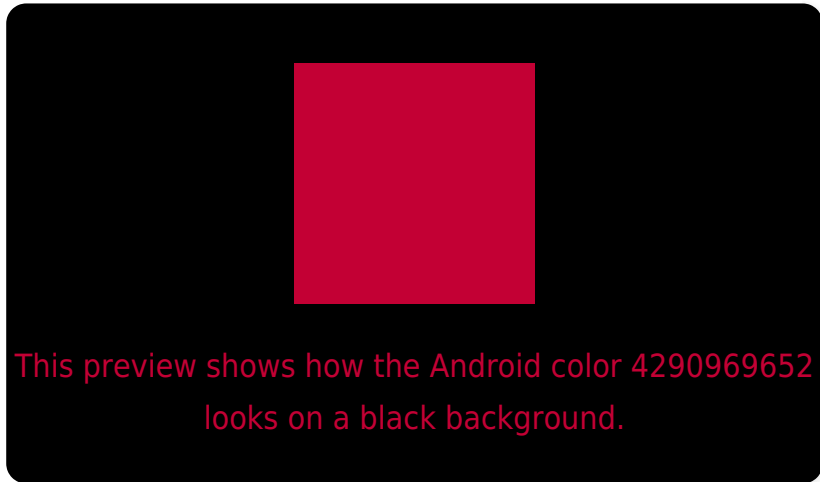
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290969652 Background



This preview shows how black text looks on a background with the Android color 4290969652.



This preview shows how white text looks on a background with the Android color 4290969652.

# 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



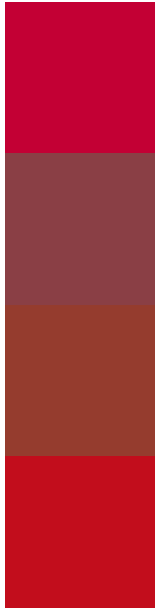
**Original Color**  
4290969652

**Protanopia**  
4285162318

**Deuteranopia**  
4286275114



# Trichromacy



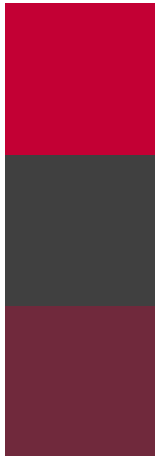
**Original Color**  
4290969652

**Protanomaly**  
4287250245

**Deuteranomaly**  
4287970350

**Tritanomaly**  
4290907420

# Monochromacy



**Original Color**  
4290969652

**Achromatopsia**  
4282400832

**Achromatomaly**  
4285540668

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290969652 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(195, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 52)  
}
```

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(195, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 52) }
```

## Border

The CSS property to change the border of an element to Android 4290969652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

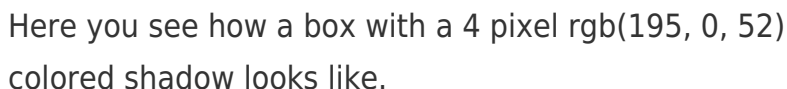
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 0, 52) }
```

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

```
.border{ border-color:rgb(195, 0, 52) }
```

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



Here you see how a box with a 4 pixel rgb(195, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(195, 0, 52)  
}
```

# Background

The CSS property to change the background color of an element to Android 4290969652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 52) }
```

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

```
.background{ background-color: rgb(195, 0,  
52) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor