

# Converting Colors

Android(4290576434)

Have a look what the booklet for  
Android(4290576434) contains.

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**Color**

**Android(4290576434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD0032
RGB	189, 0, 50
RGB Percent	74%, 0%, 20%
CMY	0.2588, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.74, 0.26
HSL	344°, 100%, 37%
HSV	344°, 100%, 74%
XYZ	21.5620, 11.0491, 4.0139
YIQ	62.2110, 96.5940, 55.6180

# Conversions

## Conversions Part 2

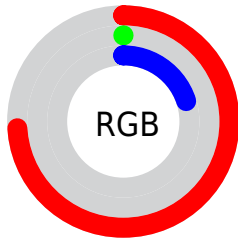
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	189, 0, 50
Decimal	12386354
CIE <sub>Lab</sub>	39.66, 65.02, 29.41
CIE <sub>LCh</sub>	40, 71.359, 24.338
Yxy	11.0491, 0.5887, 0.3017
Android (android.graphics.Color)	4290576434 (0xFFBD0032)
YUV	62.2110, -6.0200, 111.1940
Hunter-Lab	33.2402, 57.6176, 16.1087

# Details

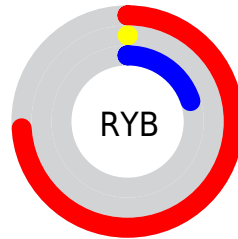
The Android color **4290576434** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **4278238603**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4294792032**, and **4286513158** is the 20% darker color. If you saturate the color by 10%, you get **4290576434**, and if you desaturate by 10%, it is **4290581312**.

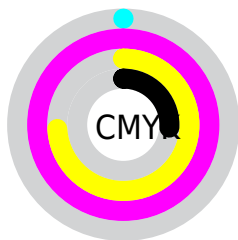
# Distribution



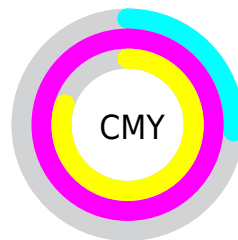
- Red (74%)
- Green (0%)
- Blue (20%)



- Red (74%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290576434 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 4290576434 by changing the saturation by 10% instead.



 4290576434

 4290576434

4294967295

 4288544797

 4294792032

 4286513158

 4294930553

 4284481536

 4294938003

 4282646531

 4294945197

 4280418305

 4294952904

 4278190080

 4294960357

 4290576434

 4290581312

 4290586190

 4290591068

 4290595946

 4290600823

 4290605445

 4290610323

 4290615201

 4290620079

# Harmonies

## Analogous

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



4290445419



4290576434



4289018624

# Triad

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



4290576434



4278219018



4278217171

# Complementary

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



4290576434



4278238603

# 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.



4278219708



4290576434



4278219856

# Square

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



4290576434



4282738688



4278220172



4281291721

# Rectangle

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



4290576434



4287319808



4278220172



4278218191



# Sweetspot

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



4290576434



4294290367



4287299773



4286205530



4294638330



4286216826



# Same Dimension

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



4290576434



4294246465



4290587648



4284372311



4288544810



4280221704



# Inverse Universe

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



4290576434



4294246465



4278227389



4284372311



4288544810



4280221704



# Previews

## White Background



This preview shows how the Android color 4290576434 looks on a white background.

## Color Contrast Check

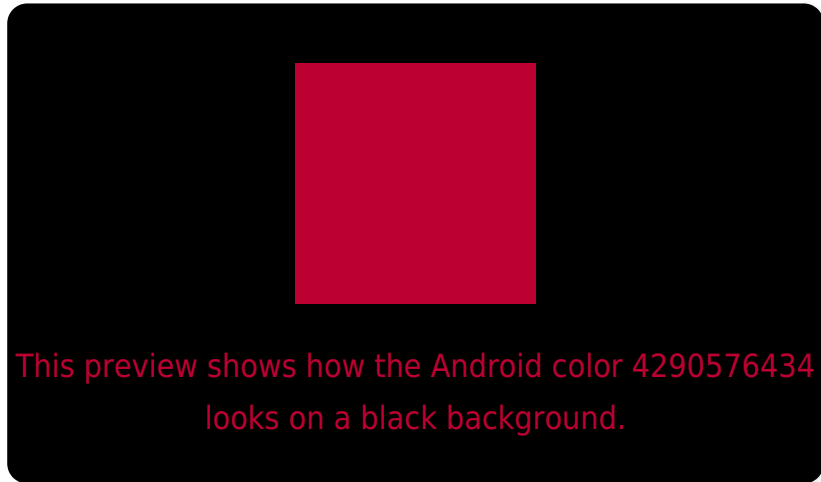
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290576434 Background



This preview shows how black text looks on a background with the Android color 4290576434.

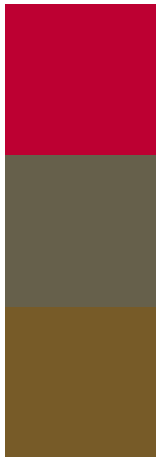


This preview shows how white text looks on a background with the Android color 4290576434.

# 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



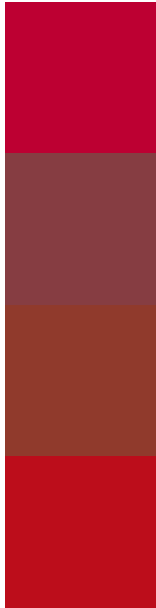
**Original Color**  
4290576434

**Protanopia**  
4284899403

**Deuteranopia**  
4286012200



# Trichromacy



**Original Color**  
4290576434

**Protanomaly**  
4286987586

**Deuteranomaly**  
4287642156

**Tritanomaly**  
4290514203

# Monochromacy



**Original Color**  
4290576434

**Achromatopsia**  
4282269246

**Achromatomaly**  
4285278010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290576434 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(189, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 50)  
}
```

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(189, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 50) }
```

## Border

The CSS property to change the border of an element to Android 4290576434 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(189, 0, 50) }
```

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

```
.border{ border-color:rgb(189, 0, 50) }
```

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

Here you see how a box with a 4 pixel rgb(189, 0, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(189, 0, 50)  
}
```

# Background

The CSS property to change the background color of an element to Android 4290576434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 50) }
```

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

```
.background{ background-color: rgb(189, 0,  
50) }
```

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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