

# Converting Colors

Android(4290316291)

Have a look what the booklet for  
Android(4290316291) contains.

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# Color

**Android(4290316291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B90803</a>
RGB	<a href="#">185, 8, 3</a>
RGB Percent	<a href="#">73%, 3%, 1%</a>
CMY	<a href="#">0.2745, 0.9686, 0.9882</a>
CMYK	<a href="#">0.00, 0.96, 0.98, 0.27</a>
HSL	<a href="#">2°, 97%, 37%</a>
HSV	<a href="#">2°, 98%, 73%</a>
XYZ	<a href="#">20.1109, 10.4945, 1.0518</a>
YIQ	<a href="#">60.3530, 107.0970, 35.9690</a>

# Conversions

## Conversions Part 2

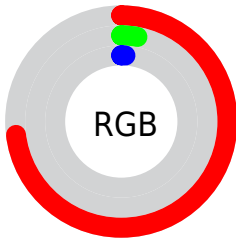
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 8, 3
Decimal	12126211
CIELab	38.72, 62.10, 51.74
CIElCh	39, 80.831, 39.802
Yxy	10.4945, 0.6353, 0.3315
Android (android.graphics.Color)	4290316291 (0xFFB90803)
YUV	60.3530, -28.2750, 109.3154
Hunter-Lab	32.3953, 54.1204, 20.7516

# Details

The Android color **4290316291** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **4278432953**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4294595381**, and **4286119936** is the 20% darker color. If you saturate the color by 10%, you get **4290315520**, and if you desaturate by 10%, it is **4290320917**.

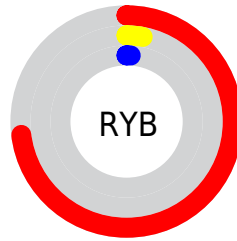
# Distribution



Red (73%)

Green (3%)

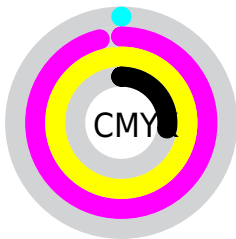
Blue (1%)



Red (73%)

Yellow (3%)

Blue (1%)

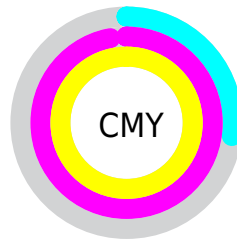


Cyan (0%)

Magenta (96%)

Yellow (98%)

Black (27%)



Cyan (27%)

Magenta (97%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290316291 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 4290316291 by changing the saturation by 10% instead.



 4290316291

 4290316291

 4294967278

 4288217088

 4294595381

 4286119936

 4294930509

 4284088320

 4294937702

 4282253315

 4294945152

 4279959553

 4294952602

 4278190080

 4294960053

 4294967249

 4290316291

 4290316291

■ 4290315520

■ 4290320917

■ 4290325544

■ 4290330170

■ 4290334797

■ 4290339423

■ 4290344050

■ 4290348676

■ 4290353303

■ 4290357930

# Harmonies

## Analogous

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



4291297353



4290316291



4287841792

# Triad

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



4290316291



4278219305



4278214368

# Complementary

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



4290316291



4278432953

# 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.



4278218713



4290316291



4278219888

# Square

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



4290316291



4278217728



4278219951



4285610946

# Rectangle

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



4290316291



4285552896



4278219951



4278216162



# Sweetspot

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



4290316291



4293962408



4290315190



4286074445



4294440951



4286085240



# Same Dimension

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



4290316291



4293920512



4290339075



4284240723



4288414720



4280025344



# Inverse Universe

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



4278432953



4278249968



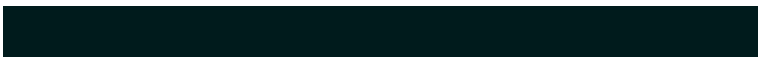
4278410169



4283653212



4278228892



4278197020



# Previews

## White Background



This preview shows how the Android color 4290316291 looks on a white background.

## Color Contrast Check

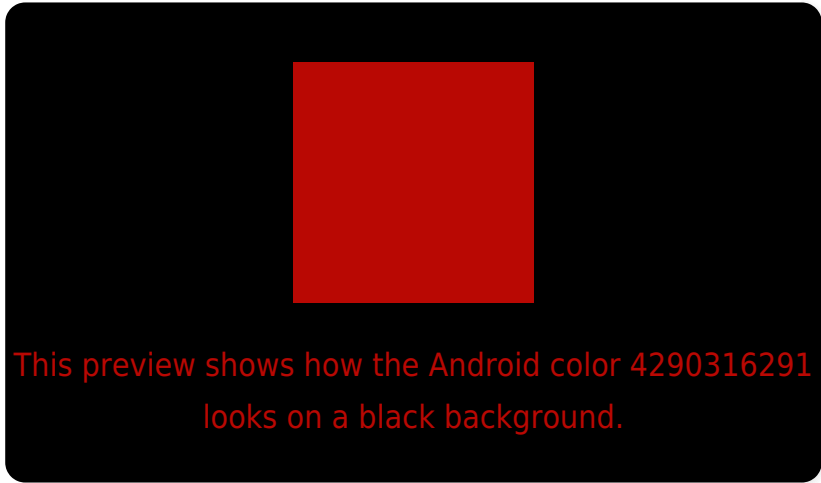
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290316291 Background



This preview shows how black text looks on a background with the Android color 4290316291.



This preview shows how white text looks on a background with the Android color 4290316291.

# 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



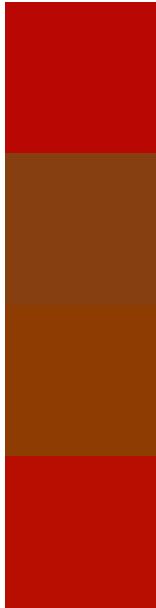
**Original Color**  
4290316291

**Protanopia**  
4285095448

**Deuteranopia**  
4285946112



# Trichromacy



**Original Color**  
4290316291

**Protanomaly**  
4286988048

**Deuteranomaly**  
4287511553

**Tritanomaly**  
4290252289

# Monochromacy



**Original Color**  
4290316291

**Achromatopsia**  
4282137660

**Achromatomaly**  
4285081895

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290316291 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(185, 8, 3)` looks like.

```
.text, #text, p{  
    color:rgb(185, 8, 3)  
}
```

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(185, 8, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 8, 3) }
```

## Border

The CSS property to change the border of an element to Android 4290316291 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(185, 8, 3) }
```

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

```
.border{ border-color:rgb(185, 8, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 8, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 8, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(185, 8, 3); box-shadow:4px  
4px 4px 4px rgb(185, 8, 3) }
```

# Background

The CSS property to change the background color of an element to Android 4290316291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 8, 3) }
```

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

```
.background{ background-color: rgb(185, 8,  
3) }
```

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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