

# Converting Colors

Android(4292411401)

Have a look what the booklet for  
Android(4292411401) contains.

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# Color

**Android(4292411401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D90009
RGB	217, 0, 9
RGB Percent	85%, 0%, 4%
CMY	0.1490, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.96, 0.15
HSL	358°, 100%, 43%
HSV	358°, 100%, 85%
XYZ	28.6646, 14.7714, 1.5988
YIQ	65.9090, 126.4430, 48.8030

# Conversions

## Conversions Part 2

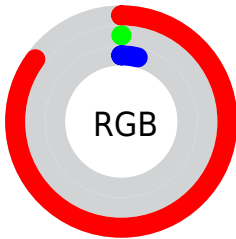
Format	Color
<a href="#">RYB</a>	<a href="#">217, 0, 9</a>
Decimal	<a href="#">14221321</a>
CIELab	<a href="#">45.32, 71.00, 56.75</a>
CIElCh	<a href="#">45, 90.889, 38.636</a>
Yxy	<a href="#">14.7714, 0.6365, 0.3280</a>
Android (android.graphics.Color)	<a href="#">4292411401 (0xFFD90009)</a>
YUV	<a href="#">65.9090, -28.0561, 132.5068</a>
Hunter-Lab	<a href="#">38.4336, 65.8701, 24.4371</a>

# Details

The Android color **4292411401** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278245840**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4294924348**, and **4288086016** is the 20% darker color. If you saturate the color by 10%, you get **4292411401**, and if you desaturate by 10%, it is **4292417054**.

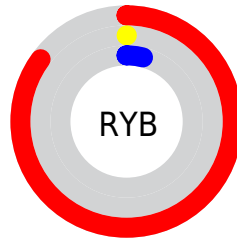
# Distribution



Red (85%)

Green (0%)

Blue (4%)



Red (85%)

Yellow (0%)

Blue (4%)

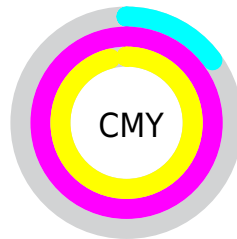


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292411401 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 4292411401 by changing the saturation by 10% instead.



 4292411401

 4292411401

 4294967287

 4290248704

 4294924348

 4288086016

 4294932053

 4285988864

 4294939758

 4283957250

 4294947208

 4281991170

 4294954915

 4279369728

 4294962622

 4278190080

 4294967258

 4292411401

 4292417054

 4292422451

 4292428103

 4292433756

 4292439409

 4292444806

 4292450459

 4292456111

 4292461508

# Harmonies

## Analogous

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



4293460057



4292411401



4289614080

# Triad

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



4292411401



4278224430



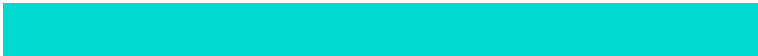
4278219007

# Complementary

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



4292411401



4278245840

# 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.



4278223611



4292411401



4278225024

# Square

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



4292411401



4278222592



4278225098



4286531812

# Rectangle

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



4292411401



4286998528



4278225098



4278221055



# Sweetspot

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



4292411401



4294947766



4291690713



4286599764



4278190080



4286611584



# Same Dimension

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



4292411401



4294901771



4292436480



4285424483



4289527815



4281204738



# Inverse Universe

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



4292411401



4294901771



4278220761



4285424483



4289527815



4281204738



# Previews

## White Background



This preview shows how the Android color 4292411401 looks on a white background.

## Color Contrast Check

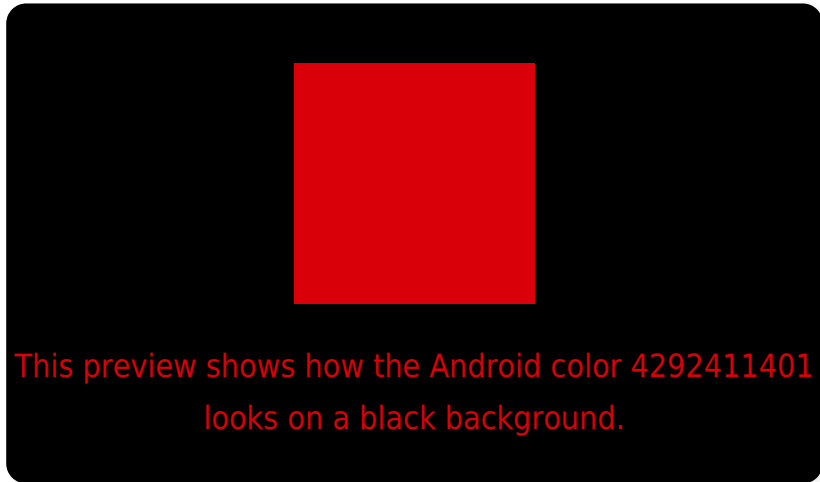
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292411401 Background



This preview shows how black text looks on a background with the Android color 4292411401.



This preview shows how white text looks on a background with the Android color 4292411401.

# 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



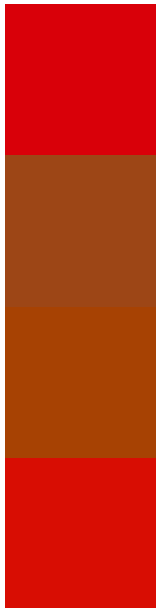
**Original Color**  
4292411401

**Protanopia**  
4286279198

**Deuteranopia**  
4287260672



# Trichromacy



**Original Color**  
4292411401

**Protanomaly**  
4288497174

**Deuteranomaly**  
4289151491

**Tritanomaly**  
4292349187

# Monochromacy



**Original Color**  
4292411401

**Achromatopsia**  
4282532418

**Achromatomaly**  
4286130733

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292411401 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(217, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 9)  
}
```

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(217, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 9) }
```

## Border

The CSS property to change the border of an element to Android 4292411401 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(217, 0, 9) }
```

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

```
.border{ border-color:rgb(217, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(217, 0, 9); box-shadow:4px  
4px 4px 4px rgb(217, 0, 9) }
```

# Background

The CSS property to change the background color of an element to Android 4292411401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 9) }
```

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

```
.background{ background-color: rgb(217, 0,  
9) }
```

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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