

# Converting Colors

Android(4291624968)

Have a look what the booklet for  
Android(4291624968) contains.

<b>Android(4291624968)</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(4291624968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD0008
RGB	205, 0, 8
RGB Percent	80%, 0%, 3%
CMY	0.1961, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.96, 0.20
HSL	358°, 100%, 40%
HSV	358°, 100%, 80%
XYZ	25.2207, 12.9967, 1.4091
YIQ	62.2070, 119.6120, 45.9480

# Conversions

## Conversions Part 2

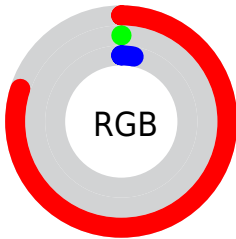
Format	Color
<a href="#">RYB</a>	<a href="#">205, 0, 8</a>
Decimal	<a href="#">13434888</a>
CIELab	<a href="#">42.76, 68.03, 54.35</a>
CIElCh	<a href="#">43, 87.076, 38.622</a>
Yxy	<a href="#">12.9967, 0.6365, 0.3280</a>
Android (android.graphics.Color)	<a href="#">4291624968</a> ( <a href="#">0xFFCD0008</a> )
YUV	<a href="#">62.2070, -26.7241, 125.2295</a>
Hunter-Lab	<a href="#">36.0509, 61.7869, 22.9183</a>

# Details

The Android color **4291624968** 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 **4278242757**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4294923578**, and **4287365120** is the 20% darker color. If you saturate the color by 10%, you get **4291624968**, and if you desaturate by 10%, it is **4291630108**.

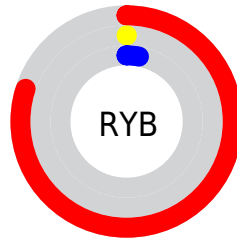
# Distribution



Red (80%)

Green (0%)

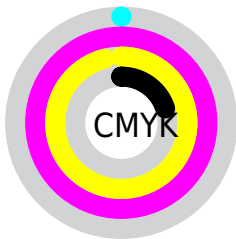
Blue (3%)



Red (80%)

Yellow (0%)

Blue (3%)

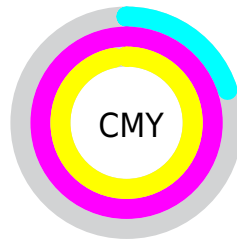


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (100%)


Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291624968 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 4291624968 by changing the saturation by 10% instead.



 4291624968

 4291624968

 4294967285

 4289527808

 4294923578

 4287365120

 4294931283

 4285267968

 4294938732

 4283301891

 4294946182

 4281335810

 4294953888

 4278190080


 4294961340


 4294967256


 4291624968


 4291630108


 4291635503


 4291640899


 4291646039

 4291651435

 4291656574

 4291661970

 4291667110

 4291672505

# Harmonies

## Analogous

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



4292608084



4291624968



4288957440

# Triad

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



4291624968



4278222379



4278217207

# Complementary

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



4291624968



4278242757

# 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.



4278221806



4291624968



4278223225

# Square

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



4291624968



4278220544



4278223295



4286071768

# Rectangle

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



4291624968



4286538240



4278223295



4278219256



# Sweetspot

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



4291624968



4294947765



4290969805



4286599763



4278190080



4286611584



# Same Dimension

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



4291624968



4294901770



4291648512



4284898396



4289069062



4280680449



# Inverse Universe

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



4291624968



4294901770



4278219213



4284898396



4289069062



4280680449



# Previews

## White Background



This preview shows how the Android color 4291624968 looks on a white background.

## Color Contrast Check

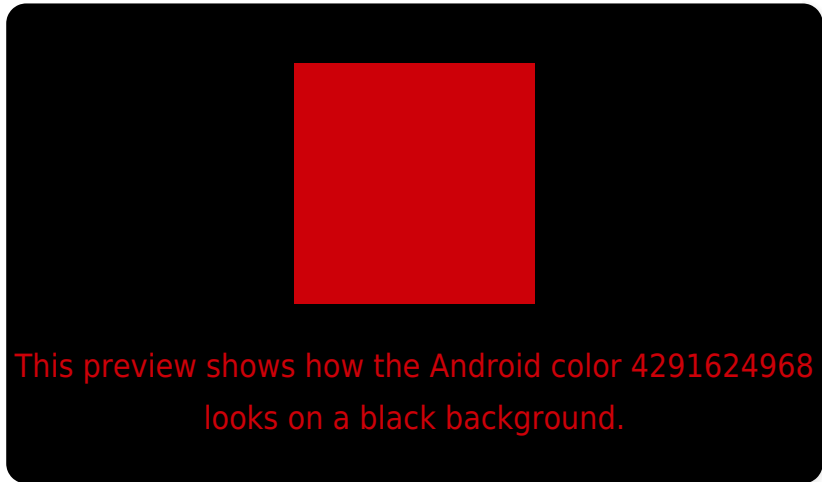
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291624968 Background



This preview shows how black text looks on a background with the Android color 4291624968.



This preview shows how white text looks on a background with the Android color 4291624968.

# 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



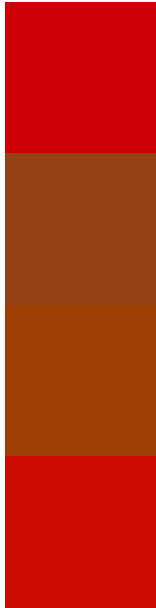
**Original Color**  
4291624968

**Protanopia**  
4285818908

**Deuteranopia**  
4286734848



# Trichromacy



**Original Color**  
4291624968

**Protanomaly**  
4287906325

**Deuteranomaly**  
4288495107

**Tritanomaly**  
4291562499

# Monochromacy



**Original Color**  
4291624968

**Achromatopsia**  
4282269246

**Achromatomaly**  
4285671210

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291624968 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(205, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 8)  
}
```

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(205, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 8) }
```

## Border

The CSS property to change the border of an element to Android 4291624968 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(205, 0, 8) }
```

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

```
.border{ border-color:rgb(205, 0, 8) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(205, 0, 8); box-shadow:4px  
4px 4px 4px rgb(205, 0, 8) }
```

# Background

The CSS property to change the background color of an element to Android 4291624968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 8) }
```

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

```
.background{ background-color: rgb(205, 0,  
8) }
```

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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