

# Converting Colors

Android(4291561784)

Have a look what the booklet for  
Android(4291561784) contains.

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# Color

**Android(4291561784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC0938
RGB	204, 9, 56
RGB Percent	80%, 4%, 22%
CMY	0.2000, 0.9647, 0.7804
CMYK	0.00, 0.96, 0.73, 0.20
HSL	346°, 92%, 42%
HSV	346°, 96%, 80%
XYZ	25.7133, 13.3183, 4.9568
YIQ	72.6630, 101.1330, 55.9570

# Conversions

## Conversions Part 2

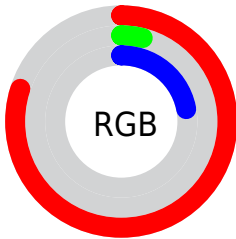
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 9, 56</a>
Decimal	<a href="#">13371704</a>
CIELab	<a href="#">43.24, 68.04, 30.72</a>
CIElCh	<a href="#">43, 74.653, 24.302</a>
Yxy	<a href="#">13.3183, 0.5845, 0.3028</a>
Android (android.graphics.Color)	<a href="#">4291561784 (0xFFCC0938)</a>
YUV	<a href="#">72.6630, -8.2149, 115.1825</a>
Hunter-Lab	<a href="#">36.4942, 61.9039, 17.4929</a>

# Details

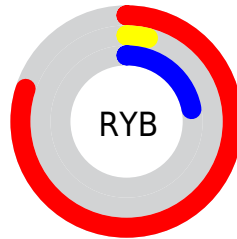
The Android color **4291561784** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278832285**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4294924391**, and **4287430671** is the 20% darker color. If you saturate the color by 10%, you get **4291559473**, and if you desaturate by 10%, it is **4291566919**.

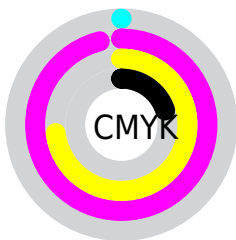
# Distribution



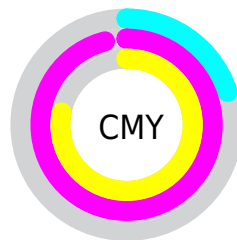
- Red (80%)
- Green (4%)
- Blue (22%)



- Red (80%)
- Yellow (4%)
- Blue (22%)



- Cyan (0%)
- Magenta (96%)
- Yellow (73%)
- Black (20%)




- Cyan (20%)
- Magenta (96%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291561784 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 4291561784 by changing the saturation by 10% instead.



 4291561784

 4291561784

4294967295

 4289462307

 4294924391

 4287430671

 4294932096

 4285399040

 4294939546

 4283432962

 4294946997


 4281401346


 4294954704

 4278190080


 4294962156


 4291561784


 4291561784


 4291559473


 4291566919

 4291572311


 4291577446


 4291582838

 4291587973

 4291593109

 4291598500

 4291603636

 4291609027

# Harmonies

## Analogous

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



4291428469



4291561784



4289937664

# Triad

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



4291561784



4278221583



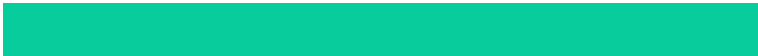
4278219491

# Complementary

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



4291561784



4278832285

# 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.



4278222283



4291561784



4278222680

# Square

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



4291561784



4283199744



4278223000



4281818073

# Rectangle

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



4291561784



4288108288



4278223000



4278220767



# Sweetspot

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



4291561784



4294948295



4288350668



4286600030



4278190080



4286611584



# Same Dimension

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



4291561784



4294901821



4291574281



4284898398



4289069096



4280680457



# Inverse Universe

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



4291561784



4294901821



4278819788



4284898398



4289069096



4280680457



# Previews

## White Background



This preview shows how the Android color 4291561784 looks on a white background.

## Color Contrast Check

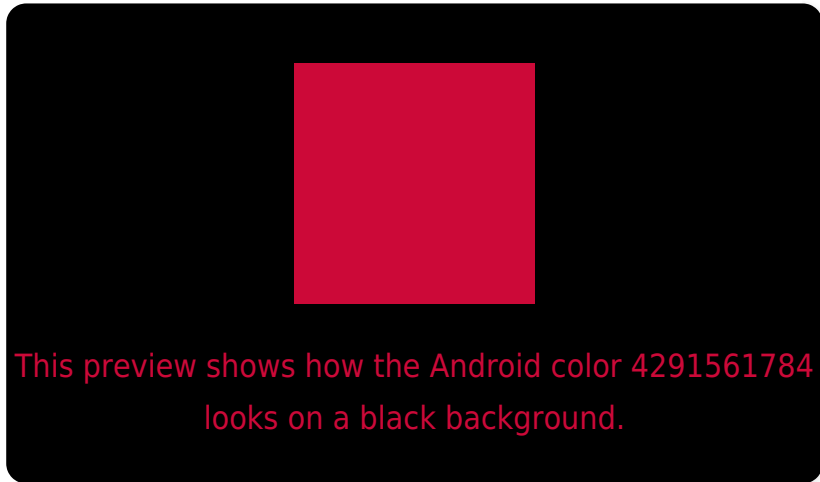
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291561784 Background



This preview shows how black text looks on a background with the Android color 4291561784.



This preview shows how white text looks on a background with the Android color 4291561784.

# 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



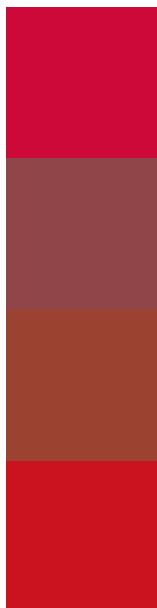
**Original Color**  
4291561784

**Protanopia**  
4285425747

**Deuteranopia**  
4286669613



# Trichromacy



**Original Color**

4291561784

**Protanomaly**

4287645001

**Deuteranomaly**

4288430641

**Tritanomaly**

4291498784

# Monochromacy



**Original Color**

4291561784

**Achromatopsia**

4282992969

**Achromatomaly**

4286132803

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291561784 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(204, 9, 56)` looks like.

```
.text, #text, p{  
    color:rgb(204, 9, 56)  
}
```

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(204, 9, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 9, 56) }
```

## Border

The CSS property to change the border of an element to Android 4291561784 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(204, 9, 56) }
```

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

```
.border{ border-color:rgb(204, 9, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 9, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 9, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 9, 56);  
box-shadow:4px 4px 4px 4px rgb(204, 9, 56)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291561784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 9, 56) }
```

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

```
.background{ background-color: rgb(204, 9,  
56) }
```

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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