

# Converting Colors

Android(4291636783)

Have a look what the booklet for  
Android(4291636783) contains.

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# Color

**Android(4291636783)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD2E2F
RGB	205, 46, 47
RGB Percent	80%, 18%, 18%
CMY	0.1961, 0.8196, 0.8157
CMYK	0.00, 0.78, 0.77, 0.20
HSL	360°, 63%, 49%
HSV	360°, 78%, 80%
XYZ	26.6669, 15.1384, 4.2058
YIQ	93.6550, 94.4430, 34.0190

# Conversions

## Conversions Part 2

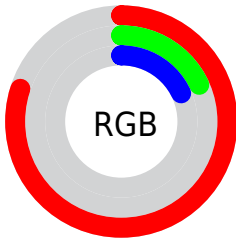
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	205, 46, 47
Decimal	13446703
CIELab	45.82, 60.85, 38.98
CIElCh	46, 72.265, 32.647
Yxy	15.1384, 0.5796, 0.3290
Android (android.graphics.Color)	4291636783 (0xFFCD2E2F)
YUV	93.6550, -23.0009, 97.6496
Hunter-Lab	38.9080, 54.2518, 20.8266

# Details

The Android color **4291636783** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4281257420**, and the grayscale version is **4284374622**.

A 20% lighter version of the original color is **4294928990**, and **4287496194** is the 20% darker color. If you saturate the color by 10%, you get **4291631643**, and if you desaturate by 10%, it is **4291641923**.

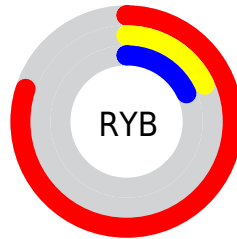
# Distribution



Red (80%)

Green (18%)

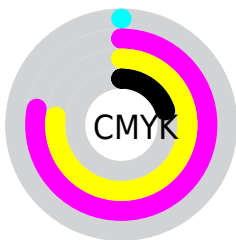
Blue (18%)



Red (80%)

Yellow (18%)

Blue (18%)

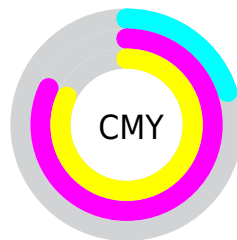


Cyan (0%)

Magenta (78%)

Yellow (77%)

Black (20%)



Cyan (20%)

Magenta (82%)


Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291636783 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 4291636783 by changing the saturation by 10% instead.



 4291636783

 4291636783

4294967295

 4289527833

 4294928990

 4287496194


 4294936183

 4285464576

 4294943377

 4283498497


 4294950827

 4281597954

 4294958279

 4278190080

 4294965987

 4291636783

 4291636783

 4291631643

 4291641923

■ 4291626246

■ 4291647320

■ 4291624961

■ 4291652716

■ 4291657856

■ 4291663253

■ 4291668393

■ 4291673790

■ 4291678930

■ 4291684070

# Harmonies

## Analogous

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



4292021610



4291636783



4289614592

# Triad

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



4291636783



4278223664



4278219751

# Complementary

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



4291636783



4281257420

# 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.



4278223321



4291636783



4278224496

# Square

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



4291636783



4282415872



4278224557



4285290964

# Rectangle

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



4291636783



4287718656



4278224557



4278221286



# Sweetspot

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



4291636783



4294952133



4291440333



4286602332



4278190080



4286611584



# Same Dimension

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



4291636783



4294906387



4291656494



4284898396



4289069057



4280680448



# Inverse Universe

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



4291636783



4294906387



4281237709



4284898396



4289069057



4280680448



# Previews

## White Background



This preview shows how the Android color 4291636783 looks on a white background.

## Color Contrast Check

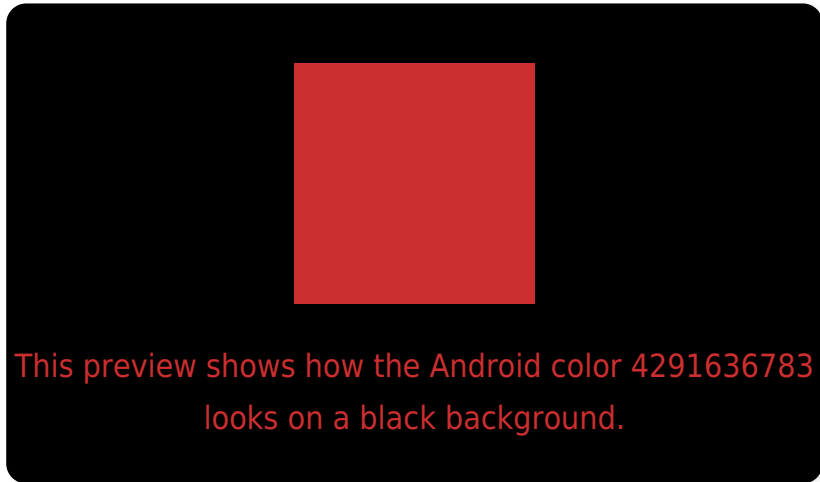
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291636783 Background



This preview shows how black text looks on a background with the Android color 4291636783.



This preview shows how white text looks on a background with the Android color 4291636783.

# 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**  
4291636783

**Protanopia**  
4286082370

**Deuteranopia**  
4287195171



# Trichromacy



**Original Color**  
4291636783

**Protanomaly**  
4288108091

**Deuteranomaly**  
4288828199

**Tritanomaly**  
4291636783

# Monochromacy



**Original Color**  
4291636783

**Achromatopsia**  
4284374622

**Achromatomaly**  
4286991693

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291636783 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, 46, 47)` looks like.

```
.text, #text, p{  
    color:rgb(205, 46, 47)  
}
```

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, 46, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 46, 47) }
```

## Border

The CSS property to change the border of an element to Android 4291636783 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, 46, 47) }
```

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

```
.border{ border-color:rgb(205, 46, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 46, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 46, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 46, 47);  
box-shadow:4px 4px 4px 4px rgb(205, 46,  
47) }
```

# Background

The CSS property to change the background color of an element to Android 4291636783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 46, 47) }
```

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

```
.background{ background-color: rgb(205, 46,  
47) }
```

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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