

# Converting Colors

Hex(CA2944)

Have a look what the booklet for  
Hex(CA2944) contains.

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**Color**

**Hex(CA2944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA2944
RGB	202, 41, 68
RGB Percent	79%, 16%, 27%
CMY	0.2078, 0.8392, 0.7333
CMYK	0.00, 0.80, 0.66, 0.21
HSL	350°, 66%, 48%
HSV	350°, 80%, 79%
XYZ	26.1934, 14.5598, 6.8986
YIQ	92.2170, 87.2890, 42.5290

# Conversions

## Conversions Part 2

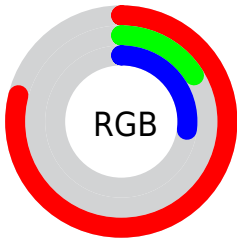
Format	Color
<a href="#">RYB</a>	202, 41, 68
Decimal	13248836
CIELab	45.03, 62.34, 25.48
CIElCh	45, 67.346, 22.235
Yxy	14.5598, 0.5497, 0.3055
Android (android.graphics.Color)	4291438916 (0xFFCA2944)
YUV	92.2170, -11.9390, 96.2797
Hunter-Lab	38.1573, 55.7578, 15.9908

# Details

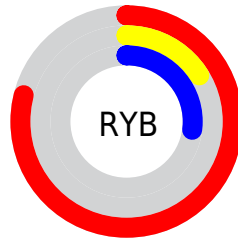
The Hex color **CA2944** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **29CAAF**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF6674**, and **8C001A** is the 20% darker color. If you saturate the color by 10%, you get **CA1533**, and if you desaturate by 10%, it is **CA3D55**.

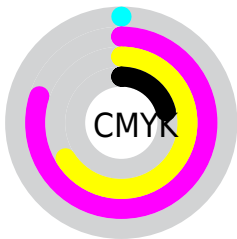
# Distribution



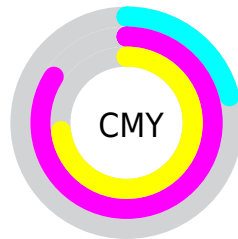
- Red (79%)
- Green (16%)
- Blue (27%)



- Red (79%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (66%)
- Black (21%)



- Cyan (21%)
- Magenta (84%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA2944 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 Hex color CA2944 by changing the saturation by 10% instead.



 CA2944

 CA2944

FFFFFF

 AB002E

 FF6674

 8C001A

 FF838D

 6E0000

 FF9FA8

 500001

 FFBCC3

 330002

 FFDADF

 000000

 FFF7FB

 CA2944

 CA2944

 CA1533

 CA3D55

■ CA0122

■ CA5166

■ CA0022

■ CA6676

■ CA7A87

■ CA8E98

■ CAA2A9

■ CAB6BA

■ CACBCA

■ CADFDB

# Harmonies

## Analogous

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



C5247C



CA2944



B54908

# Triad

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



CA2944



007D1C



0076DB

# Complementary

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



CA2944



29CAAF

# 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.



0080C3



CA2944



00825A

# Square

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



CA2944



5A7400



008394



3E62D4

# Rectangle

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



CA2944



9C5B00



008394



007AD6



# Sweetspot

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



CA2944



FFC2CC



AC29CA



805B61



000000



808080



# Same Dimension

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



CA2944



FF0A33



CA5C29



665C5E



A6001C



260006



# Inverse Universe

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



CA2944



FF0A33



2997CA



665C5E



A6001C



260006



# Previews

## White Background



This preview shows how the Hex color CA2944 looks on a white background.

## Color Contrast Check

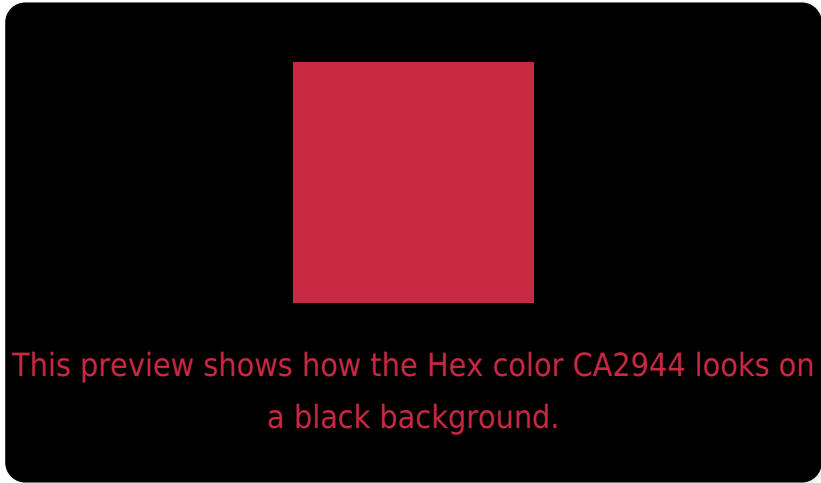
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex CA2944 Background



This preview shows how black text looks on a background with the Hex color CA2944.



This preview shows how white text looks on a background with the Hex color CA2944.

# 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**  
CA2944

**Protanopia**  
706B5E

**Deuteranopia**  
83663C



# Trichromacy



**Original Color**  
CA2944

**Protanomaly**  
915355

**Deuteranomaly**  
9D503F

**Tritanomaly**  
C92C36

# Monochromacy



**Original Color**  
CA2944

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
844953

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA2944 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 #CA2944 looks like.

```
.text, #text, p{  
    color:#CA2944  
}
```

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 #CA2944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA2944
}
```

## Border

The CSS property to change the border of an element to Hex CA2944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

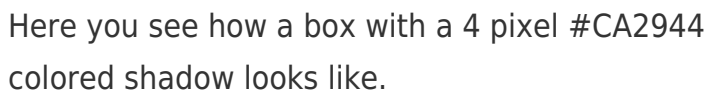
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA2944 }
```

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

```
.border{ border-color:#CA2944 }
```

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



Here you see how a box with a 4 pixel `#CA2944` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA2944; -webkit-box-shadow:4px 4px  
4px 4px #CA2944; box-shadow:4px 4px 4px  
4px #CA2944 }
```

# Background

The CSS property to change the background color of an element to Hex CA2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA2944 }
```

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

```
.background{ background-color:#CA2944 }
```

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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