

# Converting Colors

Hex(CE2944)

Have a look what the booklet for  
Hex(CE2944) contains.

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**Color**

**Hex(CE2944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE2944
RGB	206, 41, 68
RGB Percent	81%, 16%, 27%
CMY	0.1922, 0.8392, 0.7333
CMYK	0.00, 0.80, 0.67, 0.19
HSL	350°, 67%, 48%
HSV	350°, 80%, 81%
XYZ	27.2899, 15.1250, 6.9499
YIQ	93.4130, 89.6730, 43.3770

# Conversions

## Conversions Part 2

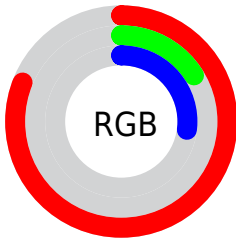
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 41, 68</a>
Decimal	<a href="#">13510980</a>
CIELab	<a href="#">45.80, 63.46, 26.63</a>
CIELCh	<a href="#">46, 68.817, 22.767</a>
Yxy	<a href="#">15.1250, 0.5528, 0.3064</a>
Android (android.graphics.Color)	<a href="#">4291701060 (0xFFCE2944)</a>
YUV	<a href="#">93.4130, -12.5286, 98.7388</a>
Hunter-Lab	<a href="#">38.8909, 57.1951, 16.6283</a>

# Details

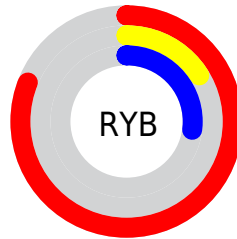
The Hex color **CE2944** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **29CEB3**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6774**, and **90001A** is the 20% darker color. If you saturate the color by 10%, you get **CE1433**, and if you desaturate by 10%, it is **CE3E55**.

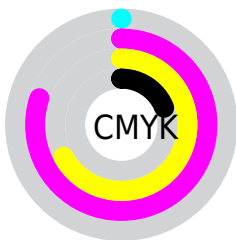
# Distribution



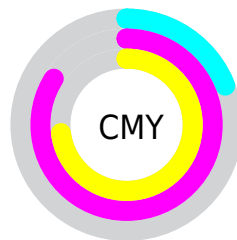
- Red (81%)
- Green (16%)
- Blue (27%)



- Red (81%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (67%)
- Black (19%)



- Cyan (19%)
- Magenta (84%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE2944 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 CE2944 by changing the saturation by 10% instead.



 CE2944

 CE2944

FFFFFF

 AF002E

 FF6774

 90001A

 FF848D

 720000

 FFA0A8

 530001

 FFBD3C

 360002

 FFDBDF

 060000

 FFF8FB

 000000

 CE2944

 CE2944

 CE1433

 CE3E55

 CE0022

 CE5266

 CE6778

 CE7B89

 CE909A

 CEA5AB

 CEB9BD

 CECECE

 CEE2DF

# Harmonies

## Analogous

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



C9227D



CE2944



B84A05

# Triad

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



CE2944



00801D



0078E0

# Complementary

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



CE2944



29CEB3

# 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.



0082C8



CE2944



00845C

# Square

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



CE2944



5A7600



008598



4263D8

# Rectangle

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



CE2944



9E5D00



008598



007CDB



# Sweetspot

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



CE2944



FFC2CC



B329CE



805B61



000000



808080



# Same Dimension

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



CE2944



FF0A32



CE6029



665C5D



A6001B



260006



# Inverse Universe

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



CE2944



FF0A32



2997CE



665C5D



A6001B



260006



# Previews

## White Background



This preview shows how the Hex color CE2944 looks on a white background.

## Color Contrast Check

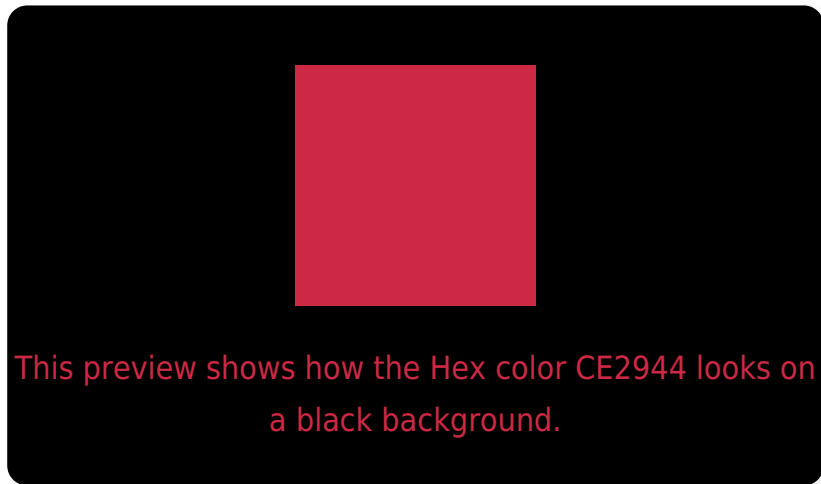
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE2944 Background



This preview shows how black text looks on a background with the Hex color CE2944.



This preview shows how white text looks on a background with the Hex color CE2944.

# 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



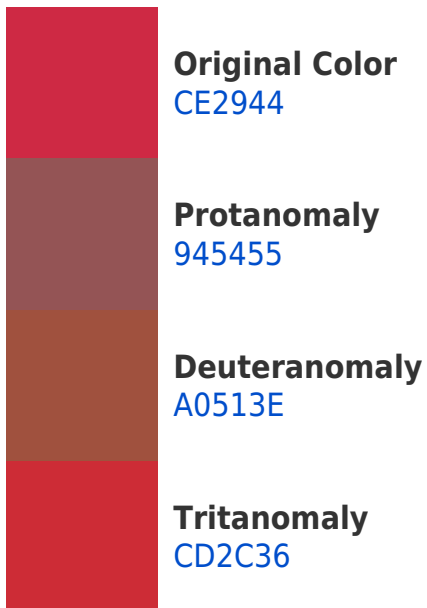
**Original Color**  
CE2944

**Protanopia**  
736D5E

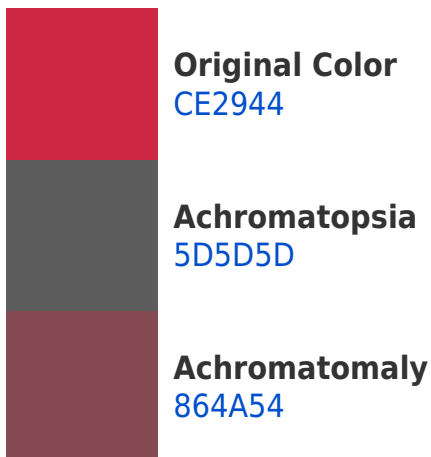
**Deuteranopia**  
86683B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE2944 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 #CE2944 looks like.

```
.text, #text, p{  
    color:#CE2944  
}
```

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 #CE2944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE2944
}
```

## Border

The CSS property to change the border of an element to Hex CE2944 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
#CE2944 }
```

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

```
.border{ border-color:#CE2944 }
```

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

Here you see how a box with a 4 pixel #CE2944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE2944; -webkit-box-shadow:4px 4px  
4px 4px #CE2944; box-shadow:4px 4px 4px  
4px #CE2944 }
```

# Background

The CSS property to change the background color of an element to Hex CE2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE2944 }
```

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

```
.background{ background-color:#CE2944 }
```

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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