

# Converting Colors

Hex(CE2D30)

Have a look what the booklet for  
Hex(CE2D30) contains.

<b>Hex(CE2D30)</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

Hex(CE2D30)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE2D30
RGB	206, 45, 48
RGB Percent	81%, 18%, 19%
CMY	0.1922, 0.8235, 0.8118
CMYK	0.00, 0.78, 0.77, 0.19
HSL	359°, 64%, 49%
HSV	359°, 78%, 81%
XYZ	26.9255, 15.2120, 4.3134
YIQ	93.4810, 94.9930, 35.0650

# Conversions

## Conversions Part 2

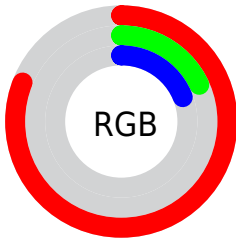
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 45, 48</a>
Decimal	<a href="#">13511984</a>
CIELab	<a href="#">45.92, 61.47, 38.59</a>
CIElCh	<a href="#">46, 72.578, 32.116</a>
Yxy	<a href="#">15.2120, 0.5797, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4291702064</a> ( <a href="#">0xFFCE2D30</a> )
YUV	<a href="#">93.4810, -22.4221, 98.6792</a>
Hunter-Lab	<a href="#">39.0025, 54.9734, 20.7448</a>

# Details

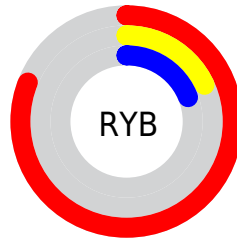
The Hex color **CE2D30** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2DCECB**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF695F**, and **8F0003** is the 20% darker color. If you saturate the color by 10%, you get **CE181C**, and if you desaturate by 10%, it is **CE4244**.

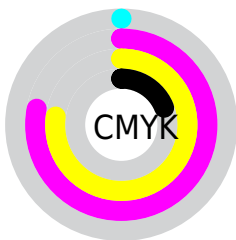
# Distribution



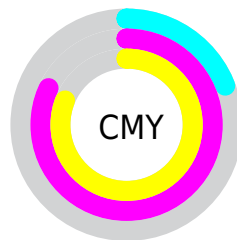
- Red (81%)
- Green (18%)
- Blue (19%)



- Red (81%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (82%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE2D30 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 CE2D30 by changing the saturation by 10% instead.



 CE2D30

 CE2D30

FFFFFF

 AE001A

 FF695F

 8F0003

 FF8678

 700000

 FFA292

 520001

 FFBFAC

 350002

 FFDCC8

 020000

 FFFAE4

 000000

 CE2D30

 CE2D30

 CE181C

 CE4244

 CE0408

 CE5658

 CE0004

 CE6B6D

 CE7F81

 CE9495

 CEA9A9

 CEBDBE

 CED2D2

 CEE6E6

# Harmonies

## Analogous

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



D30C6B



CE2D30



B05200

# Triad

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



CE2D30



00832F



0074E8

# Complementary

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



CE2D30



2DCECB

# 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.



0081D9



CE2D30



008670

# Square

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



CE2D30



417B00



0086AC



6A5AD5

# Rectangle

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



CE2D30



926500



0086AC



0079E7



# Sweetspot

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



CE2D30



FFC4C5



C92DCE



805C5C



000000



808080



# Same Dimension

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



CE2D30



FF0F14



CE782D



665C5C



A60003



260001



# Inverse Universe

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



CE2D30



FF0F14



2D83CE



665C5C



A60003



260001



# Previews

## White Background



This preview shows how the Hex color CE2D30 looks on a white background.

## Color Contrast Check

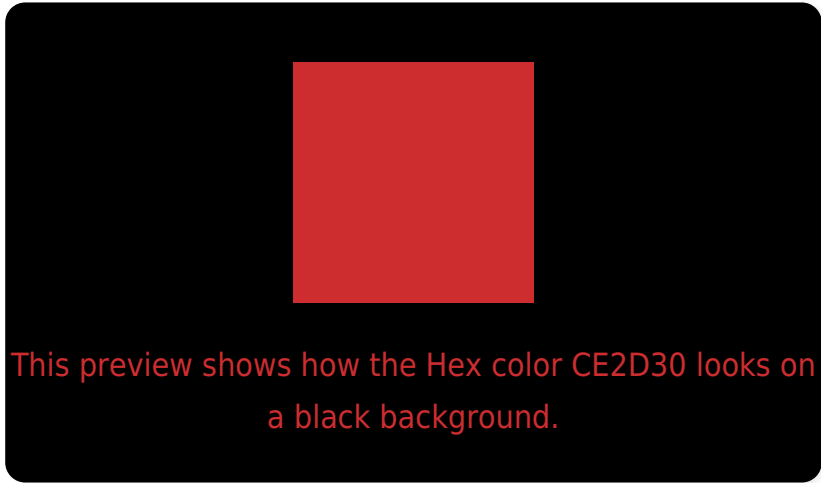
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE2D30 Background



This preview shows how black text looks on a background with the Hex color CE2D30.



This preview shows how white text looks on a background with the Hex color CE2D30.

# 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**  
CE2D30

**Protanopia**  
786E44

**Deuteranopia**  
896824



# Trichromacy



**Original Color**  
CE2D30

**Protanomaly**  
97563D

**Deuteranomaly**  
A25328

**Tritanomaly**  
CE2D2F

# Monochromacy



**Original Color**  
CE2D30

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
864C4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE2D30 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 #CE2D30 looks like.

```
.text, #text, p{  
    color:#CE2D30  
}
```

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 #CE2D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE2D30
}
```

## Border

The CSS property to change the border of an element to Hex CE2D30 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
#CE2D30 }
```

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

```
.border{ border-color:#CE2D30 }
```

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

Here you see how a box with a 4 pixel #CE2D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE2D30; -webkit-box-shadow:4px 4px  
4px 4px #CE2D30; box-shadow:4px 4px 4px  
4px #CE2D30 }
```

# Background

The CSS property to change the background color of an element to Hex CE2D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE2D30 }
```

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

```
.background{ background-color:#CE2D30 }
```

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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