

# Converting Colors

Hex(CD2726)

Have a look what the booklet for  
Hex(CD2726) contains.

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# Color

**Hex(CD2726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD2726
RGB	205, 39, 38
RGB Percent	80%, 15%, 15%
CMY	0.1961, 0.8471, 0.8510
CMYK	0.00, 0.81, 0.81, 0.20
HSL	0°, 69%, 48%
HSV	0°, 81%, 80%
XYZ	26.2522, 14.5701, 3.2624
YIQ	88.5200, 99.2570, 34.8810

# Conversions

## Conversions Part 2

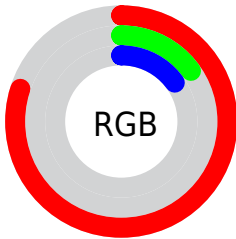
Format	Color
<a href="#">RYB</a>	<a href="#">205, 39, 38</a>
Decimal	<a href="#">13444902</a>
CIELab	<a href="#">45.04, 62.52, 43.12</a>
CIElCh	<a href="#">45, 75.948, 34.596</a>
Yxy	<a href="#">14.5701, 0.5955, 0.3305</a>
Android (android.graphics.Color)	<a href="#">4291634982</a> (0xFFCD2726)
YUV	<a href="#">88.5200, -24.9064, 102.1530</a>
Hunter-Lab	<a href="#">38.1708, 55.9655, 21.6522</a>

# Details

The Hex color **CD2726** 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 **26CCCD**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6554**, and **8E0000** is the 20% darker color. If you saturate the color by 10%, you get **CD1312**, and if you desaturate by 10%, it is **CD3B3B**.

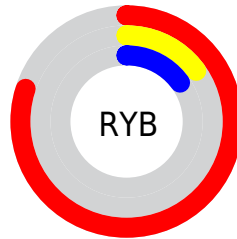
# Distribution



Red (80%)

Green (15%)

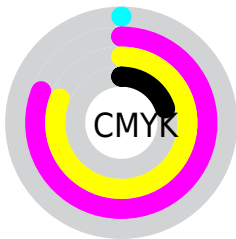
Blue (15%)



Red (80%)

Yellow (15%)

Blue (15%)

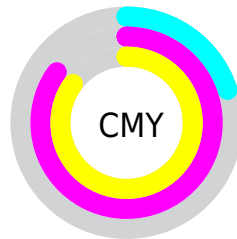


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (20%)



Cyan (20%)

Magenta (85%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD2726 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 CD2726 by changing the saturation by 10% instead.



 CD2726

 CD2726

FFFFFF

 AD0010

 FF6554

 8E0000

 FF826D

 6E0000

 FF9E87

 500001

 FFBB A1

 330002

 FFD8BC

 000000

 FFF6D8

 FFFFF5

 CD2726

 CD2726

 CD1312

 CD3B3B

 CD0100

 CD504F

 CD6464

 CD7978

 CD8D8D

 CDA1A1

 CDB6B6

 CDCACA

 CDDEDF

# Harmonies

## Analogous

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



D50064



CD2726



AB5100

# Triad

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



CD2726



00812F



0070EB

# Complementary

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



CD2726



26CCCD

# 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.



007FDE



CD2726



008473

# Square

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



CD2726



337A00



0084B2



7054D4

# Rectangle

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



CD2726



8C6400



0084B2



0077EB



# Sweetspot

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



CD2726



FFC2C2



CD26CD



805B5B



000000



808080



# Same Dimension

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



CD2726



FF0705



CD7A26



665C5C



A60100



260000



# Inverse Universe

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



26CCCD



05FEFF



267ACD



5C6666



00A5A6



002626



# Previews

## White Background



This preview shows how the Hex color CD2726 looks on a white background.

## Color Contrast Check

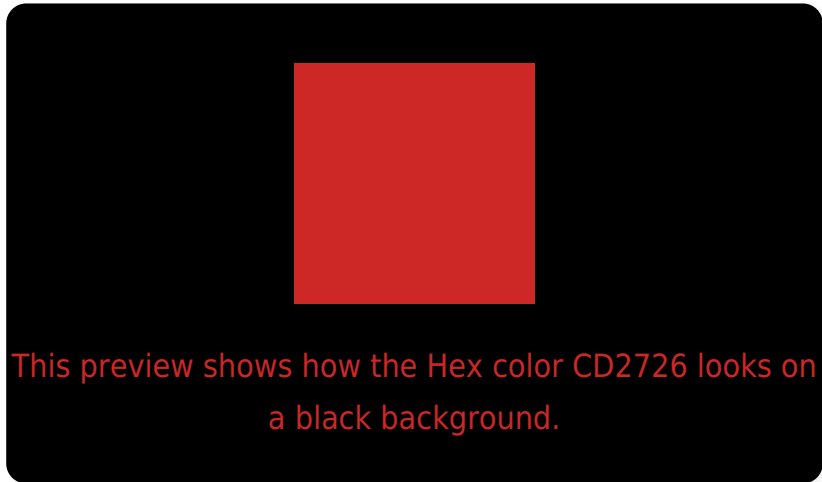
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD2726 Background



This preview shows how black text looks on a background with the Hex color CD2726.



This preview shows how white text looks on a background with the Hex color CD2726.

# 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**  
CD2726

**Protanopia**  
776C38

**Deuteranopia**  
886616



# Trichromacy



**Original Color**  
CD2726

**Protanomaly**  
965331

**Deuteranomaly**  
A14F1C

**Tritanomaly**  
CD2726

# Monochromacy



**Original Color**  
CD2726

**Achromatopsia**  
595959

**Achromatomaly**  
834746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD2726 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 #CD2726 looks like.

```
.text, #text, p{  
    color:#CD2726  
}
```

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 #CD2726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2726
}
```

## Border

The CSS property to change the border of an element to Hex CD2726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

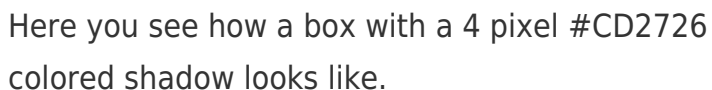
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD2726 }
```

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

```
.border{ border-color:#CD2726 }
```

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



Here you see how a box with a 4 pixel `#CD2726` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2726; -webkit-box-shadow:4px 4px  
4px 4px #CD2726; box-shadow:4px 4px 4px  
4px #CD2726 }
```

# Background

The CSS property to change the background color of an element to Hex CD2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2726 }
```

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

```
.background{ background-color:#CD2726 }
```

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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