

# Converting Colors

Hex(C22F2D)

Have a look what the booklet for  
Hex(C22F2D) contains.

<b>Hex(C22F2D)</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(C22F2D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C22F2D
RGB	194, 47, 45
RGB Percent	76%, 18%, 18%
CMY	0.2392, 0.8157, 0.8235
CMYK	0.00, 0.76, 0.77, 0.24
HSL	1°, 62%, 47%
HSV	1°, 77%, 76%
XYZ	23.7383, 13.6918, 3.8743
YIQ	90.7250, 88.2540, 30.5420

# Conversions

## Conversions Part 2

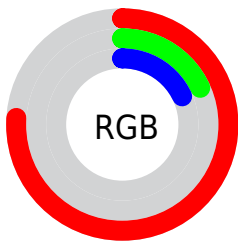
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">194, 47, 45</a>
Decimal	<a href="#">12726061</a>
CIELab	<a href="#">43.79, 57.17, 37.30</a>
CIElCh	<a href="#">44, 68.263, 33.122</a>
Yxy	<a href="#">13.6918, 0.5747, 0.3315</a>
Android (android.graphics.Color)	<a href="#">4290916141 (0xFFC22F2D)</a>
YUV	<a href="#">90.7250, -22.5424, 90.5722</a>
Hunter-Lab	<a href="#">37.0025, 49.7593, 19.6939</a>

# Details

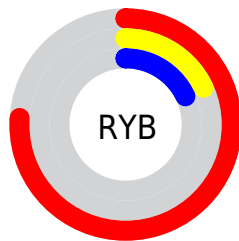
The Hex color **C22F2D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2DC0C2**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF695C**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C21C1A**, and if you desaturate by 10%, it is **C24240**.

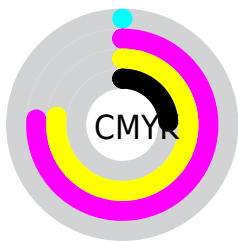
# Distribution



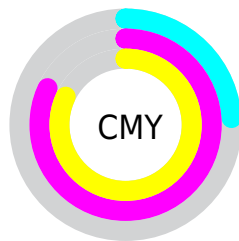
- Red (76%)
- Green (18%)
- Blue (18%)



- Red (76%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (77%)
- Black (24%)



- Cyan (24%)
- Magenta (82%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C22F2D 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 C22F2D by changing the saturation by 10% instead.



 C22F2D

 C22F2D

FFFFFF

 A30417

 FF695C

 840000

 FF8574

 650000

 FFA18E

 480001

 FFBD A9

 2B0001

 FFDAC4

 000000

 FFF8E0

FFFFFFD

 C22F2D

 C22F2D

 C21C1A

 C24240

 C20906

 C25554

 C20300

 C26867

 C27C7B

 C28F8E

 C2A2A1

 C2B5B5

 C2C8C8

 C2DBDC

# Harmonies

## Analogous

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



C81564



C22F2D



A55000

# Triad

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



C22F2D



007C30



006DDA

# Complementary

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



C22F2D



2DC0C2

# 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.



007ACD



C22F2D



007F6C

# Square

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



C22F2D



3D7500



007FA4



6A55C8

# Rectangle

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



C22F2D



896100



007FA4



0073D9



# Sweetspot

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



C22F2D



FCC3C2



C22DC2



805C5C



000000



808080



# Same Dimension

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



C22F2D



FC1714



C2782D



615757



A10200



210000



# Inverse Universe

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



2DC0C2



14F9FC



2D78C2



576161



009EA1



002121



# Previews

## White Background



This preview shows how the Hex color C22F2D looks on a white background.

## Color Contrast Check

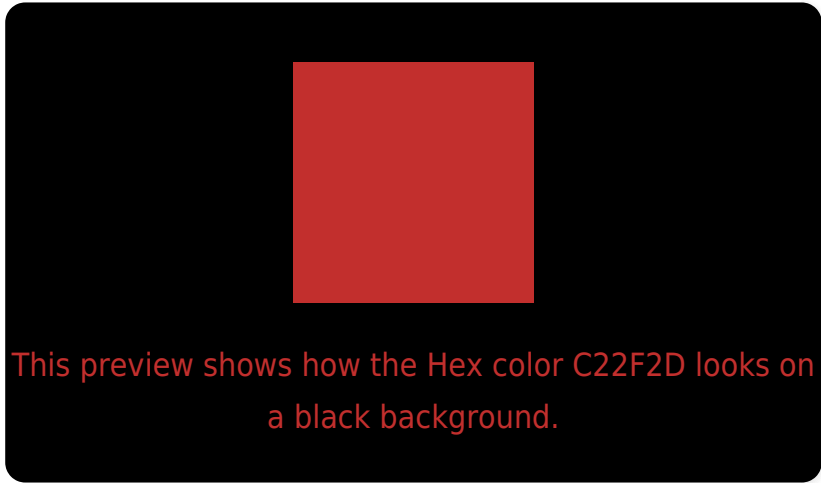
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22F2D Background



This preview shows how black text looks on a background with the Hex color C22F2D.



This preview shows how white text looks on a background with the Hex color C22F2D.

# 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**  
C22F2D

**Protanopia**  
72683E

**Deuteranopia**  
836322



**Tritanopia**  
C22F30

# Trichromacy



**Original Color**  
C22F2D

**Protanomaly**  
8F5338

**Deuteranomaly**  
9A5026

**Tritanomaly**  
C22F2F

# Monochromacy



**Original Color**  
C22F2D

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
804B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C22F2D 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 #C22F2D looks like.

```
.text, #text, p{  
    color:#C22F2D  
}
```

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 #C22F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22F2D
}
```

## Border

The CSS property to change the border of an element to Hex C22F2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

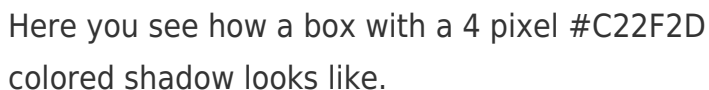
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C22F2D }
```

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

```
.border{ border-color:#C22F2D }
```

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



Here you see how a box with a 4 pixel `#C22F2D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22F2D; -webkit-box-shadow:4px 4px  
4px 4px #C22F2D; box-shadow:4px 4px 4px  
4px #C22F2D }
```

# Background

The CSS property to change the background color of an element to Hex C22F2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22F2D }
```

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

```
.background{ background-color:#C22F2D }
```

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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