

# Converting Colors

Hex(C22D38)

Have a look what the booklet for  
Hex(C22D38) contains.

<b>Hex(C22D38)</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(C22D38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C22D38
RGB	194, 45, 56
RGB Percent	76%, 18%, 22%
CMY	0.2392, 0.8235, 0.7804
CMYK	0.00, 0.77, 0.71, 0.24
HSL	356°, 62%, 47%
HSV	356°, 77%, 76%
XYZ	23.9003, 13.6316, 5.1129
YIQ	90.8050, 85.2730, 35.0090

# Conversions

## Conversions Part 2

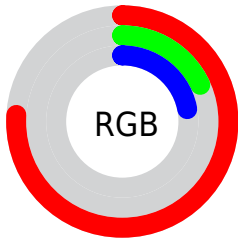
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 45, 56
Decimal	12725560
CIE Lab	43.70, 58.26, 30.78
CIE LCh	44, 65.893, 27.844
Yxy	13.6316, 0.5605, 0.3197
Android (android.graphics.Color)	4290915640 (0xFFC22D38)
YUV	90.8050, -17.1589, 90.5020
Hunter-Lab	36.9210, 50.9377, 17.6342

# Details

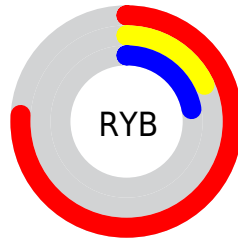
The Hex color **C22D38** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **2DC2B7**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF6867**, and **84000E** is the 20% darker color. If you saturate the color by 10%, you get **C21A26**, and if you desaturate by 10%, it is **C2404A**.

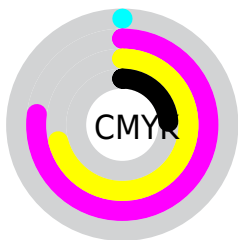
# Distribution



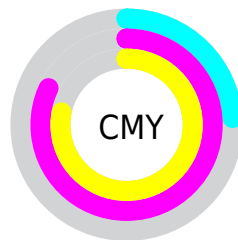
- Red (76%)
- Green (18%)
- Blue (22%)



- Red (76%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (71%)
- Black (24%)



- Cyan (24%)
- Magenta (82%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C22D38 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 C22D38 by changing the saturation by 10% instead.



 C22D38

 C22D38

FFFFFF

 A30022

 FF6867

 84000E

 FF8480

 660000

 FFA09A

 490001

 FFBCB5

 2B0001

 FFD9D1

 000000

 FFF7ED

 C22D38

 C22D38

 C21A26

 C2404A

 C20614

 C2545C

 C2000E

 C2676E

 C27B80

 C28E92

 C2A1A4

 C2B5B6

 C2C8C8

 C2DCDA

# Harmonies

## Analogous

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



C31F6E



C22D38



A94C00

# Triad

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



C22D38



007B27



0070D6

# Complementary

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



C22D38



2DC2B7

# 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.



007BC4



C22D38



007E62

# Square

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



C22D38



4B7300



007F99



575AC9

# Rectangle

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



C22D38



905D00



007F99



0074D3



# Sweetspot

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



C22D38



FCC2C7



B62DC2



805C5E



000000



808080



# Same Dimension

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



C22D38



FC1425



C26B2D



615758



A1000C



210002



# Inverse Universe

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



C22D38



FC1425



2D84C2



615758



A1000C



210002



# Previews

## White Background



This preview shows how the Hex color C22D38 looks on a white background.

## Color Contrast Check

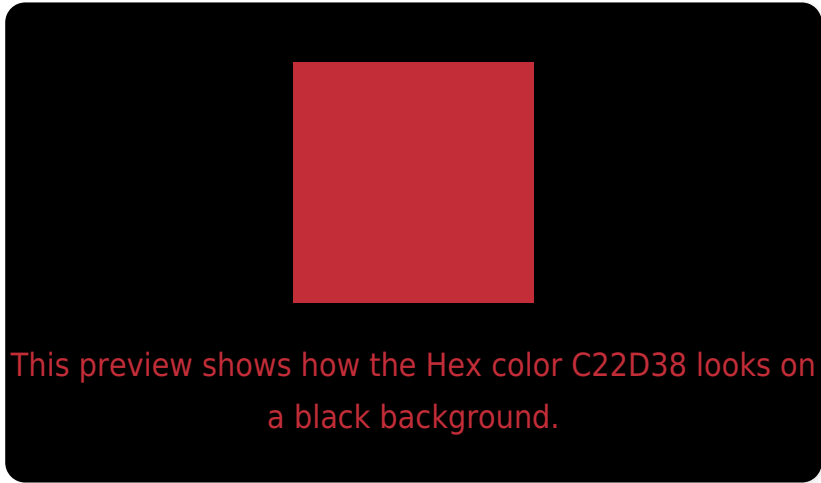
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22D38 Background



This preview shows how black text looks on a background with the Hex color C22D38.

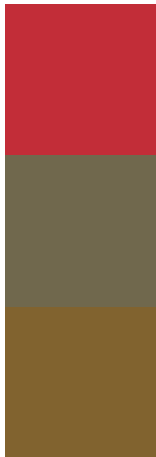


This preview shows how white text looks on a background with the Hex color C22D38.

# 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**  
C22D38

**Protanopia**  
70684D

**Deuteranopia**  
81632F



# Trichromacy



**Original Color**  
C22D38

**Protanomaly**  
8E5345

**Deuteranomaly**  
994F32

**Tritanomaly**  
C22E33

# Monochromacy



**Original Color**  
C22D38

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
804A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C22D38 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 #C22D38 looks like.

```
.text, #text, p{  
    color:#C22D38  
}
```

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 #C22D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22D38
}
```

## Border

The CSS property to change the border of an element to Hex C22D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

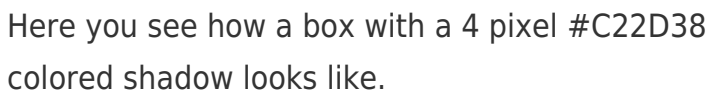
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C22D38 }
```

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

```
.border{ border-color:#C22D38 }
```

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



Here you see how a box with a 4 pixel `#C22D38` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22D38; -webkit-box-shadow:4px 4px  
4px 4px #C22D38; box-shadow:4px 4px 4px  
4px #C22D38 }
```

# Background

The CSS property to change the background color of an element to Hex C22D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22D38 }
```

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

```
.background{ background-color:#C22D38 }
```

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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