

Converting Colors

Hex(B12E2E)

Have a look what the booklet for
Hex(B12E2E) contains.

Hex(B12E2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B12E2E)

Conversions

Conversions Part 1

Format	Color
Hex	B12E2E
RGB	177, 46, 46
RGB Percent	69%, 18%, 18%
CMY	0.3059, 0.8196, 0.8196
CMYK	0.00, 0.74, 0.74, 0.31
HSL	0°, 59%, 44%
HSV	0°, 74%, 69%
XYZ	19.6016, 11.4984, 3.7711
YIQ	85.1690, 78.0760, 27.7720

Conversions

Conversions Part 2

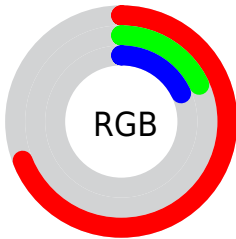
Format	Color
RYB	177, 46, 46
Decimal	11611694
CIELab	40.41, 52.27, 32.06
CIElCh	40, 61.321, 31.524
Yxy	11.4984, 0.5621, 0.3297
Android (android.graphics.Color)	4289801774 (0xFFB12E2E)
YUV	85.1690, -19.3103, 80.5358
Hunter-Lab	33.9092, 43.8427, 17.1428

Details

The Hex color **B12E2E** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2EB1B1**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EF665C**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B11C1C**, and if you desaturate by 10%, it is **B14040**.

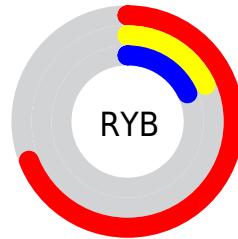
Distribution



Red (69%)

Green (18%)

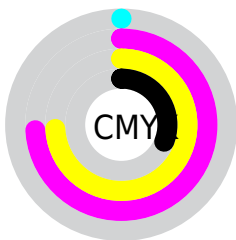
Blue (18%)



Red (69%)

Yellow (18%)

Blue (18%)

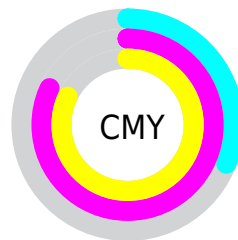


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (31%)



Cyan (31%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12E2E 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 B12E2E by changing the saturation by 10% instead.

 B12E2E

 B12E2E

FFFFFF

 930819

 EF665C

 750000

 FF8175

 570000

 FF9D8F

 3C0002

 FFB9A9

 170000

 FFD6C5

 000000

 FFF3E1

FFFFFFD

 B12E2E

 B12E2E

 B11C1C

 B14040

 B10B0B

 B15151

 B10000

 B16363

 B17575

 B18787

 B19898

 B1AAAA

 B1BCBC

 B1CDCD

Harmonies

Analogous

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



B41E5F



B12E2E



984900

Triad

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



B12E2E



00722C



0065C5

Complementary

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



B12E2E



2EB1B1

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.



0070B8



B12E2E



007560

Square

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



B12E2E



3E6B00



007593



5D50B6

Rectangle

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



B12E2E



805800



007593



006AC3

Sweetspot

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



B12E2E



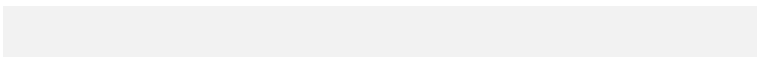
E6B3B3



B12EB1



735555



F2F2F2



737373

Same Dimension

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



B12E2E



E61919



B1702E



595050



990000



1A0000

Inverse Universe

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



2EB1B1



19E6E6



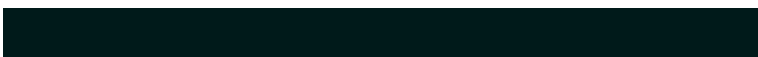
2E70B1



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B12E2E looks on a white background.

Color Contrast Check

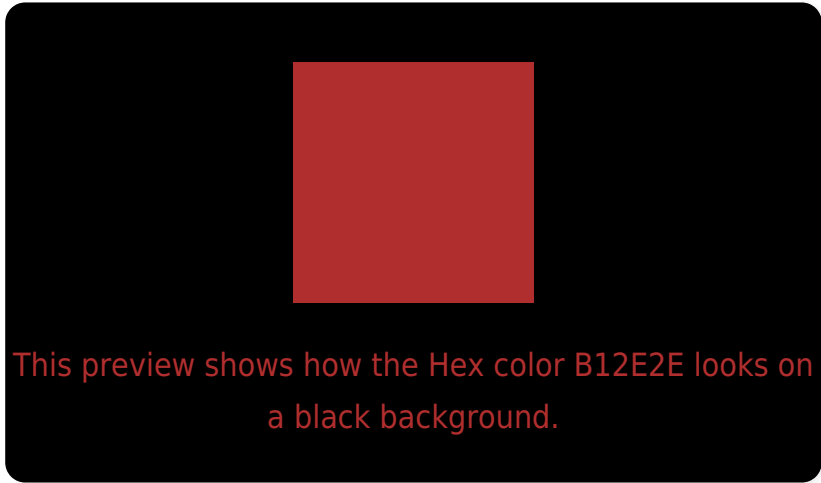
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12E2E Background



This preview shows how black text looks on a background with the Hex color B12E2E.



This preview shows how white text looks on a background with the Hex color B12E2E.

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

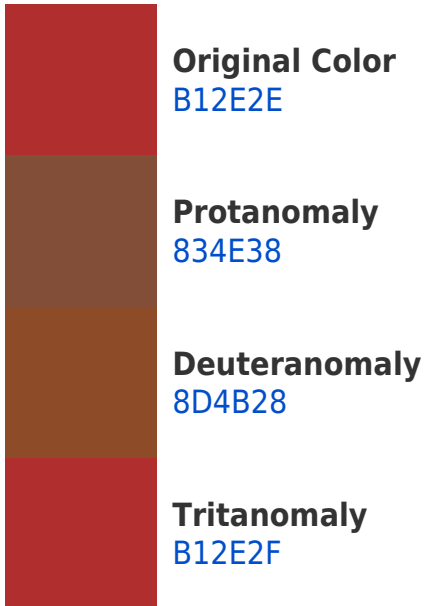


Original Color
B12E2E

Protanopia
69603E

Deuteranopia
785C25

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B12E2E 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 #B12E2E looks like.

```
.text, #text, p{  
    color:#B12E2E  
}
```

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 #B12E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12E2E
}
```

Border

The CSS property to change the border of an element to Hex B12E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

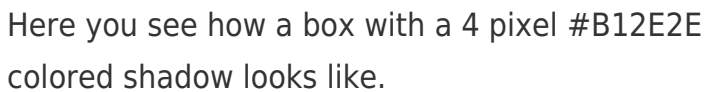
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12E2E }
```

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

```
.border{ border-color:#B12E2E }
```

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



Here you see how a box with a 4 pixel #B12E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12E2E; -webkit-box-shadow:4px 4px  
4px 4px #B12E2E; box-shadow:4px 4px 4px  
4px #B12E2E }
```

Background

The CSS property to change the background color of an element to Hex B12E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12E2E }
```

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

```
.background{ background-color:#B12E2E }
```

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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