

Converting Colors

Hex(B12E25)

Have a look what the booklet for
Hex(B12E25) contains.

Hex(B12E25)	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(B12E25)

Conversions

Conversions Part 1

Format	Color
Hex	B12E25
RGB	177, 46, 37
RGB Percent	69%, 18%, 15%
CMY	0.3059, 0.8196, 0.8549
CMYK	0.00, 0.74, 0.79, 0.31
HSL	4°, 65%, 42%
HSV	4°, 79%, 69%
XYZ	19.4424, 11.4347, 2.9326
YIQ	84.1430, 80.9650, 24.9730

Conversions

Conversions Part 2

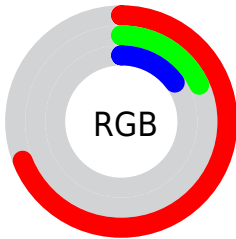
Format	Color
R_{YB}	177, 47, 37
Decimal	11611685
CIE Lab	40.30, 51.92, 37.12
CIE LCh	40, 63.826, 35.566
Yxy	11.4347, 0.5751, 0.3382
Android (android.graphics.Color)	4289801765 (0xFFB12E25)
YUV	84.1430, -23.2415, 81.4356
Hunter-Lab	33.8152, 43.4538, 18.5287

Details

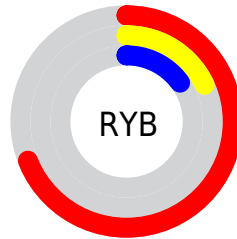
The Hex color **B12E25** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25A8B1**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **EF6653**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B11D13**, and if you desaturate by 10%, it is **B13F37**.

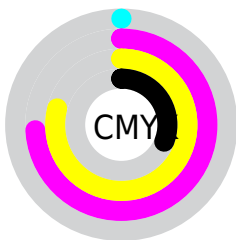
Distribution



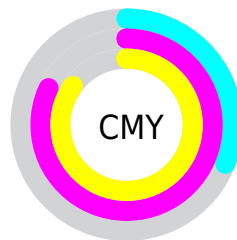
- Red (69%)
- Green (18%)
- Blue (15%)



- Red (69%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (74%)
- Yellow (79%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12E25 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 B12E25 by changing the saturation by 10% instead.

 B12E25

 B12E25

FFFFFF

 92080F

 EF6653

 740000

 FF816C

 560000

 FF9D85

 3B0002

 FFB99F

 160000

 FFD5BA

 000000

 FFF3D6

 FFFFF3

 B12E25

 B12E25

 B11D13

 B13F37

 B10D02

 B14F48

 B10B00

 B1605A

 B1706C

 B1817E

 B1918F

 B1A2A1

 B1B2B3

 B1C3C4

Harmonies

Analogous

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



B81458



B12E25



954B00

Triad

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



B12E25



007330



0063C8

Complementary

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



B12E25



25A8B1

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.



0070BF



B12E25



007568

Square

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



B12E25



326C00



00759B



684CB5

Rectangle

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



B12E25



7A5A00



00759B



0068C8

Sweetspot

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



B12E25



E6B2AE



B125AA



735451



F2F2F2



737373

Same Dimension

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



B12E25



E6190B



B17225



595150



990A00



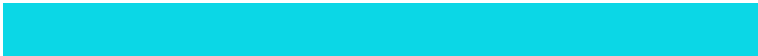
1A0200

Inverse Universe

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



25A8B1



0BD7E6



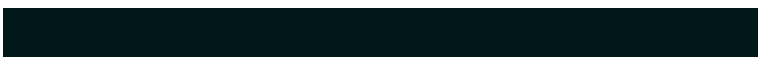
2564B1



505959



008F99



00181A

Previews

White Background



This preview shows how the Hex color B12E25 looks on a white background.

Color Contrast Check

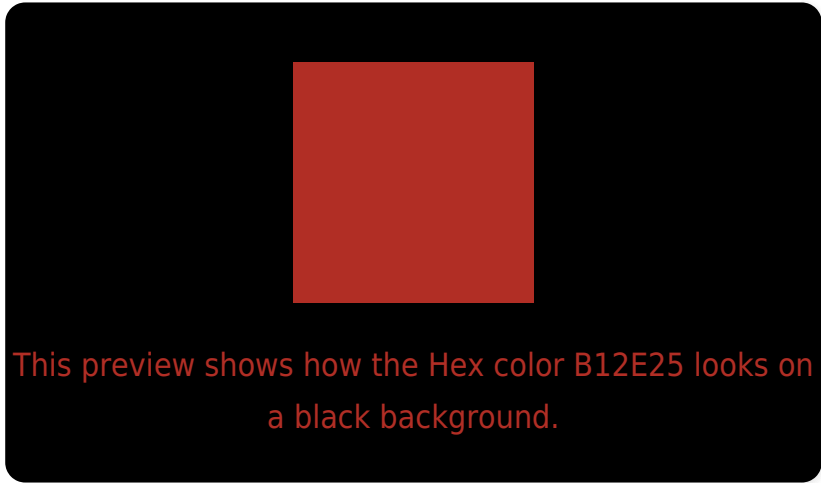
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12E25 Background



This preview shows how black text looks on a background with the Hex color B12E25.



This preview shows how white text looks on a background with the Hex color B12E25.

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
B12E25

Protanopia
6A6033

Deuteranopia
795B1A

Trichromacy



Original Color
B12E25

Protanomaly
844E2E

Deuteranomaly
8D4B1E

Tritanomaly
B12D2B

Monochromacy



Original Color
B12E25

Achromatopsia
545454

Achromatomaly
764643

CSS Examples

Text

The CSS property to change the color of the text to Hex B12E25 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 #B12E25 looks like.

```
.text, #text, p{  
    color:#B12E25  
}
```

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 #B12E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12E25 }  
}
```

Border

The CSS property to change the border of an element to Hex B12E25 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".

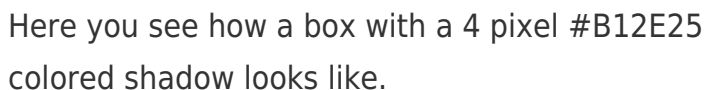
```
.border, #border, table{ border:4px solid #B12E25 }  
}
```

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

```
.border{ border-color:#B12E25 }
```

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

Here you see how a box with a 4 pixel #B12E25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12E25; -webkit-box-shadow:4px 4px  
4px 4px #B12E25; box-shadow:4px 4px 4px  
4px #B12E25 }
```

Background

The CSS property to change the background color of an element to Hex B12E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12E25 }
```

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

```
.background{ background-color:#B12E25 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor