

Converting Colors

Hex(BD3E22)

Have a look what the booklet for
Hex(BD3E22) contains.

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Color

Hex(BD3E22)

Conversions

Conversions Part 1

Format	Color
Hex	BD3E22
RGB	189, 62, 34
RGB Percent	74%, 24%, 13%
CMY	0.2588, 0.7569, 0.8667
CMYK	0.00, 0.67, 0.82, 0.26
HSL	11°, 70%, 44%
HSV	11°, 82%, 74%
XYZ	22.9976, 14.3796, 3.0768
YIQ	96.7810, 84.6800, 18.2160

Conversions

Conversions Part 2

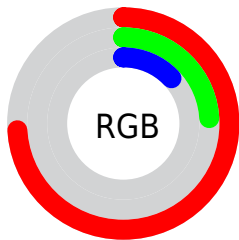
Format	Color
RYB	189, 68, 34
Decimal	12402210
CIELab	44.77, 49.62, 43.86
CIElCh	45, 66.225, 41.477
Yxy	14.3796, 0.5685, 0.3555
Android (android.graphics.Color)	4290592290 (0xFFBD3E22)
YUV	96.7810, -30.9510, 80.8761
Hunter-Lab	37.9204, 41.8944, 21.7336

Details

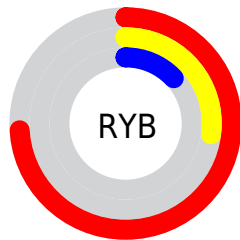
The Hex color **BD3E22** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22A1BD**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FC7451**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BD2F0F**, and if you desaturate by 10%, it is **BD4D35**.

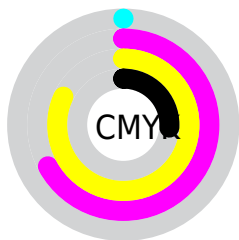
Distribution



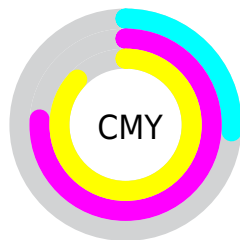
- Red (74%)
- Green (24%)
- Blue (13%)



- Red (74%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (82%)
- Black (26%)



- Cyan (26%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD3E22 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 BD3E22 by changing the saturation by 10% instead.

 BD3E22

 BD3E22

FFFFFF

 9E210A

 FC7451

 800000

 FF8F6A

 610000

 FFAB84

 440000

 FFC79E

 280001

 FFE4B9

 000000

 FFFFD5

 FFFFF2

 BD3E22

 BD3E22

 BD2F0F

 BD4D35

 BD2200

 BD5D48

 BD6C5B

 BD7C6E

 BD8B81

 BD9B93

 BDAAA6

 BDBAB9

 BDC9CC

Harmonies

Analogous

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



C92357



BD3E22



9C5A00

Triad

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



BD3E22



008044



006AD7

Complementary

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



BD3E22



22A1BD

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.



007AD3



BD3E22



00827E

Square

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



BD3E22



2A7A00



0081B2



8550BE

Rectangle

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



BD3E22



7E6900



0081B2



0070DA

Sweetspot

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



BD3E22



F5C3B8



BD22A3



7A5C56



FAFAFA



7A7A7A

Same Dimension

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



BD3E22



F53005



BD8922



5E5755



9E1D00



1F0600

Inverse Universe

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



22A1BD



05C9F5



2256BD



555D5E



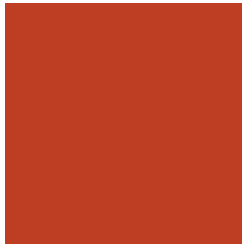
00829E



00191F

Previews

White Background



This preview shows how the Hex color BD3E22 looks on a white background.

Color Contrast Check

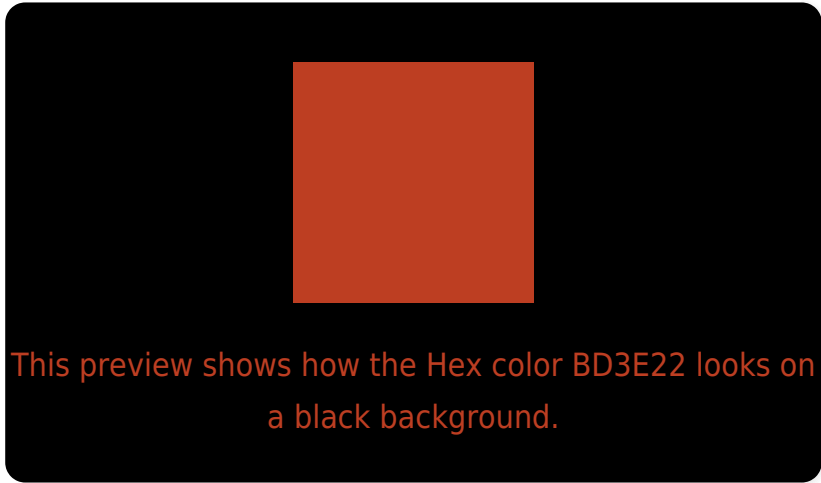
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD3E22 Background



This preview shows how black text looks on a background with the Hex color BD3E22.

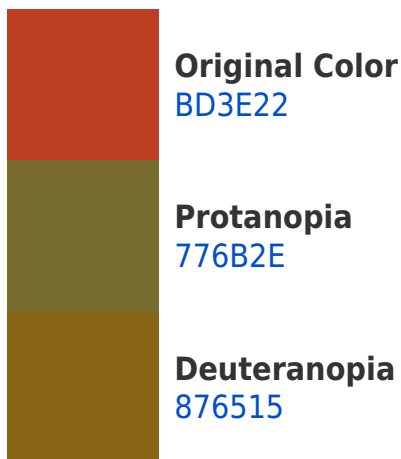


This preview shows how white text looks on a background with the Hex color BD3E22.

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





Tritanopia
BE3B3E

Trichromacy



Original Color
BD3E22

Protanomaly
905B2A

Deuteranomaly
9B571A

Tritanomaly
BE3C34

Monochromacy



Original Color
BD3E22

Achromatopsia
616161

Achromatomaly
82544A

CSS Examples

Text

The CSS property to change the color of the text to Hex BD3E22 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 #BD3E22 looks like.

```
.text, #text, p{  
    color:#BD3E22  
}
```

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 #BD3E22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3E22
}
```

Border

The CSS property to change the border of an element to Hex BD3E22 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
#BD3E22 }
```

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

```
.border{ border-color:#BD3E22 }
```

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

Here you see how a box with a 4 pixel #BD3E22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3E22; -webkit-box-shadow:4px 4px  
4px 4px #BD3E22; box-shadow:4px 4px 4px  
4px #BD3E22 }
```

Background

The CSS property to change the background color of an element to Hex BD3E22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3E22 }
```

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

```
.background{ background-color:#BD3E22 }
```

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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