

Converting Colors

Hex(BE2222)

Have a look what the booklet for
Hex(BE2222) contains.

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Color

Hex(**BE2222**)

Conversions

Conversions Part 1

Format	Color
Hex	BE2222
RGB	190, 34, 34
RGB Percent	75%, 13%, 13%
CMY	0.2549, 0.8667, 0.8667
CMYK	0.00, 0.82, 0.82, 0.25
HSL	0°, 70%, 44%
HSV	0°, 82%, 75%
XYZ	22.0960, 12.2067, 2.7049
YIQ	80.6440, 92.9760, 33.0720

Conversions

Conversions Part 2

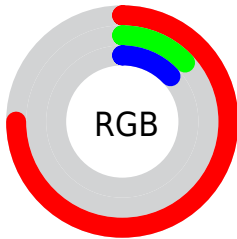
Format	Color
R_{YB}	190, 34, 34
Decimal	12460578
CIE _{Lab}	41.54, 59.41, 40.85
CIE _{LCh}	42, 72.103, 34.514
Yxy	12.2067, 0.5971, 0.3298
Android (android.graphics.Color)	4290650658 (0xFFBE2222)
YUV	80.6440, -22.9955, 95.9052
Hunter-Lab	34.9381, 51.7475, 19.8664

Details

The Hex color **BE2222** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22BEBE**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FE5F50**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **BE0F0F**, and if you desaturate by 10%, it is **BE3535**.

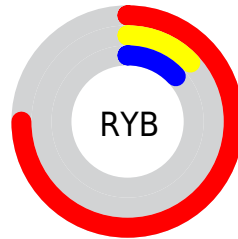
Distribution



Red (75%)

Green (13%)

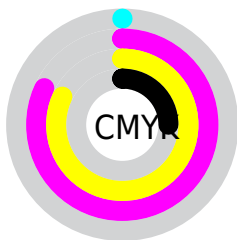
Blue (13%)



Red (75%)

Yellow (13%)

Blue (13%)

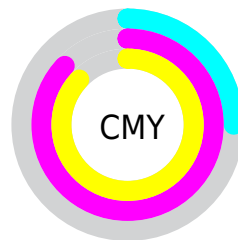


Cyan (0%)

Magenta (82%)

Yellow (82%)

Black (25%)



Cyan (25%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE2222 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 BE2222 by changing the saturation by 10% instead.

 BE2222

 BE2222

FFFFFF

 9F000C

 FE5F50

 800000

 FF7C68

 610000

 FF9882

 440002

 FFB49C

 250001

 FFD1B7

 000000

 FFEFD3

 FFFFEE

 BE2222

 BE2222

 BE0F0F

 BE3535

 BE0000

 BE4848

 BE5B5B

 BE6E6E

 BE8181

 BE9494

 BEA7A7

 BEBABA

 BECD CD

Harmonies

Analogous

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



C6005C



BE2222



9F4A00

Triad

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



BE2222



00772A



0067DA

Complementary

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



BE2222



22BEBE

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.



0075CE



BE2222



007A6A

Square

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



BE2222



2E7100



007AA4



674DC5

Rectangle

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



BE2222



815C00



007AA4



006DDA

Sweetspot

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



BE2222



F7BABA



BE22BE



7D5757



FCFCFC



7D7D7D

Same Dimension

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



BE2222



F70202



BE7022



5E5555



9E0000



1F0000

Inverse Universe

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



22BEBE



02F7F7



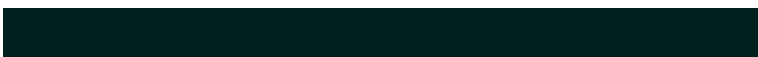
2270BE



555E5E



009E9E



001F1F

Previews

White Background



This preview shows how the Hex color BE2222 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 BE2222 Background



This preview shows how black text looks on a background with the Hex color BE2222.



This preview shows how white text looks on a background with the Hex color BE2222.

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



Trichromacy



Original Color
BE2222

Protanomaly
8B4B2D

Deuteranomaly
954818

Tritanomaly
BE2221

Monochromacy



Original Color
BE2222

Achromatopsia
515151

Achromatomaly
794040

CSS Examples

Text

The CSS property to change the color of the text to Hex BE2222 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 #BE2222 looks like.

```
.text, #text, p{  
    color:#BE2222  
}
```

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 #BE2222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2222
}
```

Border

The CSS property to change the border of an element to Hex BE2222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

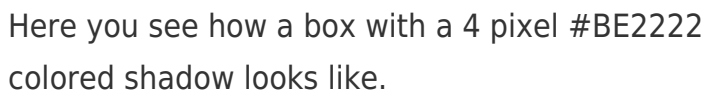
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE2222 }
```

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

```
.border{ border-color:#BE2222 }
```

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



Here you see how a box with a 4 pixel `#BE2222` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2222; -webkit-box-shadow:4px 4px  
4px 4px #BE2222; box-shadow:4px 4px 4px  
4px #BE2222 }
```

Background

The CSS property to change the background color of an element to Hex BE2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2222 }
```

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

```
.background{ background-color:#BE2222 }
```

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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