

Converting Colors

Hex(B40C23)

Have a look what the booklet for
Hex(B40C23) contains.

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Color

Hex(B40C23)

Conversions

Conversions Part 1

Format	Color
Hex	B40C23
RGB	180, 12, 35
RGB Percent	71%, 5%, 14%
CMY	0.2941, 0.9529, 0.8627
CMYK	0.00, 0.93, 0.81, 0.29
HSL	352°, 88%, 38%
HSV	352°, 93%, 71%
XYZ	19.2572, 10.0876, 2.5222
YIQ	64.8540, 92.7450, 42.7690

Conversions

Conversions Part 2

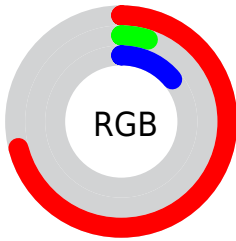
Format	Color
RYB	180, 12, 35
Decimal	11799587
CIELab	38.00, 60.91, 36.09
CIElCh	38, 70.800, 30.646
Yxy	10.0876, 0.6043, 0.3166
Android (android.graphics.Color)	4289989667 (0xFFB40C23)
YUV	64.8540, -14.7180, 100.9830
Hunter-Lab	31.7610, 52.6460, 17.5243

Details

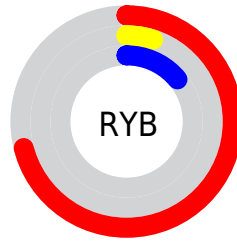
The Hex color **B40C23** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **0CB49D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **F35350**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B40019**, and if you desaturate by 10%, it is **B41E33**.

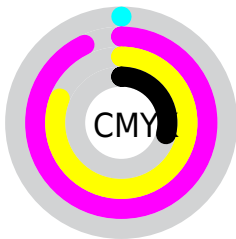
Distribution



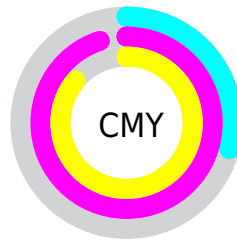
- Red (71%)
- Green (5%)
- Blue (14%)



- Red (71%)
- Yellow (5%)
- Blue (14%)



- Cyan (0%)
- Magenta (93%)
- Yellow (81%)
- Black (29%)



- Cyan (29%)
- Magenta (95%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B40C23 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 B40C23 by changing the saturation by 10% instead.

 B40C23

 B40C23

FFFFFF

 95000E

 F35350

 760000

 FF7068

 570000

 FF8C82

 3B0002

 FFA99C

 150000

 FFC6B7

 000000

 FFE3D2

 FFFFEF

 B40C23

 B40C23

 B40019

 B41E33

 B43042

 B44252

 B45461

 B46671

 B47880

 B48A90

 B49C9F

 B4AEAF

Harmonies

Analogous

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



B8005B



B40C23



983E00

Triad

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



B40C23



006D1A



0061CE

Complementary

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



B40C23



0CB49D

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.



006DBE



B40C23



007059

Square

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



B40C23



316600



007193



4E49BE

Rectangle

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



B40C23



7D5100



007193



0066CC

Sweetspot

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



B40C23



EBA9B2



9B0CB4



754D53



F5F5F5



757575

Same Dimension

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



B40C23



EB0020



B4470C



595052



990015



1A0003

Inverse Universe

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



B40C23



EB0020



0C79B4



595052



990015



1A0003

Previews

White Background



This preview shows how the Hex color B40C23 looks on a white background.

Color Contrast Check

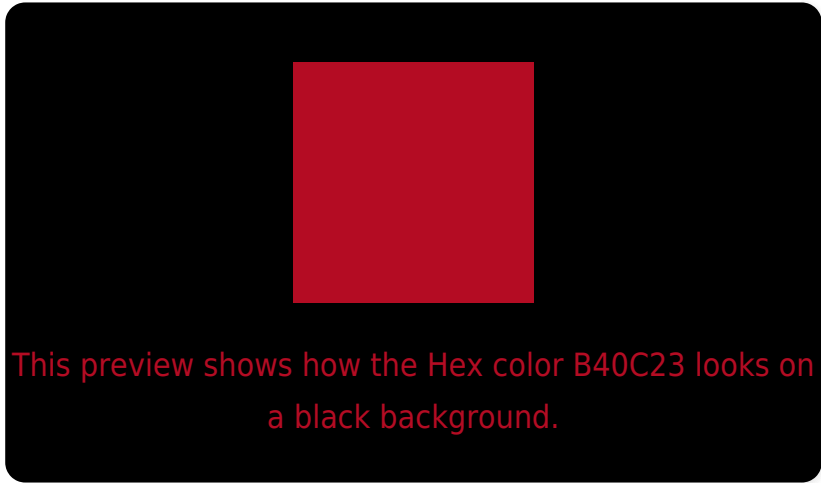
Large Text (above 18pt) WCAG AA ✓ Pass

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 B40C23 Background



This preview shows how black text looks on a background with the Hex color B40C23.



This preview shows how white text looks on a background with the Hex color B40C23.

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
B40C23

Protanopia
645C36

Deuteranopia
735715



Tritanopia
B4120B

Trichromacy



Original Color
B40C23

Protanomaly
813F2F

Deuteranomaly
8B3C1A

Tritanomaly
B41014

Monochromacy



Original Color
B40C23

Achromatopsia
414141

Achromatomaly
6B2E36

CSS Examples

Text

The CSS property to change the color of the text to Hex B40C23 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 #B40C23 looks like.

```
.text, #text, p{  
    color:#B40C23  
}
```

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 #B40C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40C23
}
```

Border

The CSS property to change the border of an element to Hex B40C23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

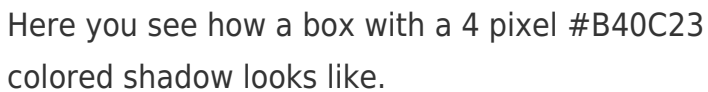
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40C23 }
```

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

```
.border{ border-color:#B40C23 }
```

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



Here you see how a box with a 4 pixel #B40C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40C23; -webkit-box-shadow:4px 4px  
4px 4px #B40C23; box-shadow:4px 4px 4px  
4px #B40C23 }
```

Background

The CSS property to change the background color of an element to Hex B40C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40C23 }
```

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

```
.background{ background-color:#B40C23 }
```

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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