

# Converting Colors

Hex(B01E23)

Have a look what the booklet for  
Hex(B01E23) contains.

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# Color

**Hex(B01E23)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B01E23
RGB	176, 30, 35
RGB Percent	69%, 12%, 14%
CMY	0.3098, 0.8824, 0.8627
CMYK	0.00, 0.83, 0.80, 0.31
HSL	358°, 71%, 40%
HSV	358°, 83%, 69%
XYZ	18.6721, 10.2800, 2.5902
YIQ	74.2240, 85.4110, 32.5070

# Conversions

## Conversions Part 2

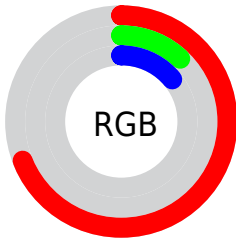
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 30, 35
Decimal	11542051
CIE Lab	38.34, 56.44, 36.17
CIE LCh	38, 67.032, 32.656
Yxy	10.2800, 0.5920, 0.3259
Android (android.graphics.Color)	4289732131 (0xFFB01E23)
YUV	74.2240, -19.3374, 89.2576
Hunter-Lab	32.0624, 47.8434, 17.6539

# Details

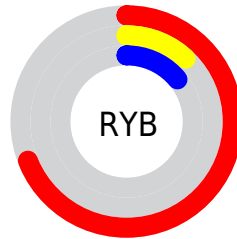
The Hex color **B01E23** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **1EB0AB**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **EF5B50**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B00C12**, and if you desaturate by 10%, it is **B03034**.

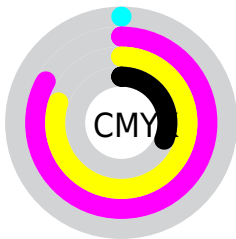
# Distribution



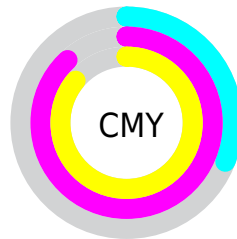
- Red (69%)
- Green (12%)
- Blue (14%)



- Red (69%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (83%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (88%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B01E23 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 B01E23 by changing the saturation by 10% instead.



 B01E23

 B01E23

FFFFFF

 91000E

 EF5B50

 730000

 FF7669

 540000

 FF9282

 390002

 FFAF9C

 0F0000

 FFCBB7

 000000

 FFE8D3

 FFFFEF

 B01E23

 B01E23

 B00C12

 B03034

 B00006

 B04145

 B05356

 B06467

 B07678

 B08889

 B0999A

 B0ABAB

 B0BCBC

# Harmonies

## Analogous

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



B50058



B01E23



944300

# Triad

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



B01E23



006E23



0060C9

# Complementary

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



B01E23



1E80AB

# 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.



006CBC



B01E23



00705E

# Square

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



B01E23



306700



007194



5949B7

# Rectangle

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



B01E23



7A5300



007194



0065C8



# Sweetspot

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



B01E23



E6ACAE



A91EB0



735052



F2F2F2



737373



# Same Dimension

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



B01E23



E60008



B0601E



595051



990005



1A0001



# Inverse Universe

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



B01E23



E60008



1E6EB0



595051



990005



1A0001



# Previews

## White Background



This preview shows how the Hex color B01E23 looks on a white background.

## Color Contrast Check

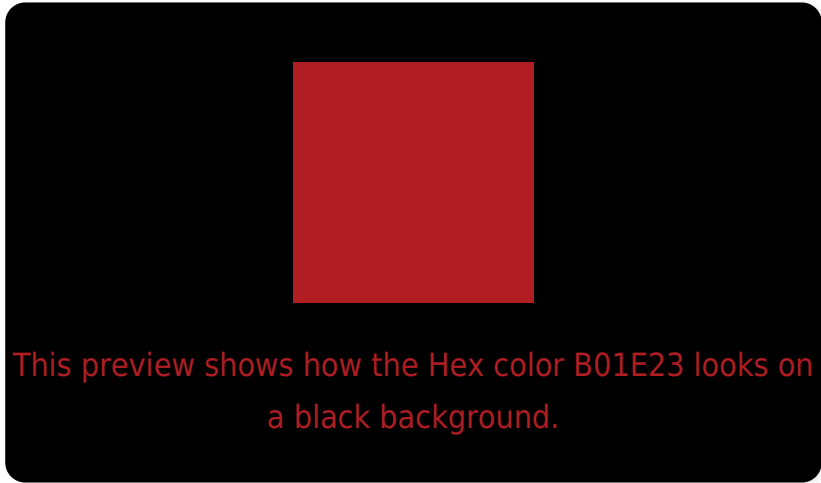
Large Text (above 18pt) WCAG AA ✓ Pass

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 B01E23 Background



This preview shows how black text looks on a background with the Hex color B01E23.



This preview shows how white text looks on a background with the Hex color B01E23.

# 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**  
B01E23

**Protanopia**  
655C34

**Deuteranopia**  
735716



**Tritanopia**  
B01F1E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B01E23 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 #B01E23 looks like.

```
.text, #text, p{  
    color:#B01E23  
}
```

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 #B01E23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B01E23
}
```

## Border

The CSS property to change the border of an element to Hex B01E23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

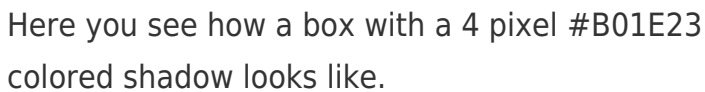
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B01E23 }
```

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

```
.border{ border-color:#B01E23 }
```

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



Here you see how a box with a 4 pixel #B01E23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B01E23; -webkit-box-shadow:4px 4px  
4px 4px #B01E23; box-shadow:4px 4px 4px  
4px #B01E23 }
```

# Background

The CSS property to change the background color of an element to Hex B01E23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B01E23 }
```

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

```
.background{ background-color:#B01E23 }
```

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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