

Converting Colors

Hex(B23D1E)

Have a look what the booklet for
Hex(B23D1E) contains.

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Color

Hex(B23D1E)

Conversions

Conversions Part 1

Format	Color
Hex	B23D1E
RGB	178, 61, 30
RGB Percent	70%, 24%, 12%
CMY	0.3020, 0.7608, 0.8824
CMYK	0.00, 0.66, 0.83, 0.30
HSL	13°, 71%, 41%
HSV	13°, 83%, 70%
XYZ	20.2632, 12.8962, 2.6495
YIQ	92.4490, 79.6830, 15.1630

Conversions

Conversions Part 2

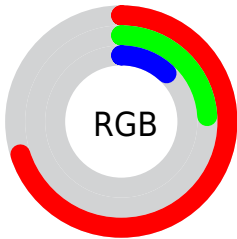
Format	Color
RYB	178, 69, 30
Decimal	11681054
CIELab	42.61, 46.08, 43.09
CIELCh	43, 63.088, 43.079
Yxy	12.8962, 0.5659, 0.3601
Android (android.graphics.Color)	4289871134 (0xFFB23D1E)
YUV	92.4490, -30.7874, 75.0282
Hunter-Lab	35.9113, 37.8751, 20.7635

Details

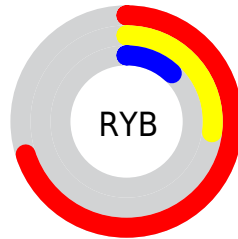
The Hex color **B23D1E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E93B2**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F0724D**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B22F0C**, and if you desaturate by 10%, it is **B24B30**.

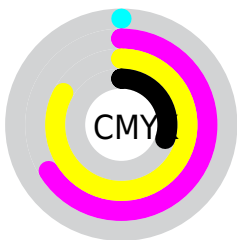
Distribution



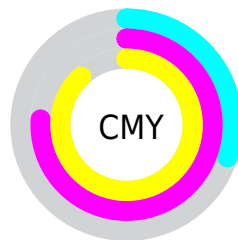
- Red (70%)
- Green (24%)
- Blue (12%)



- Red (70%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (66%)
- Yellow (83%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23D1E 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 B23D1E by changing the saturation by 10% instead.

 B23D1E

 B23D1E

FFFFFF

 932106

 F0724D

 760000

 FF8D66

 580000

 FFA87F

 3C0001

 FFC49A

 1B0001

 FFE1B5

 000000

 FFFED0

 FFFFED

 B23D1E

 B23D1E

 B22F0C

 B24B30

 B22500

 B25942

 B26753

 B27565

 B28377

 B29189

 B2A09B

 B2AEAC

 B2BCBE

Harmonies

Analogous

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



BF2450



B23D1E



925700

Triad

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



B23D1E



007944



0063CB

Complementary

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



B23D1E



1E93B2

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.



0073C9



B23D1E



007B7B

Square

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



B23D1E



237405



007AAB



824AB2

Rectangle

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



B23D1E



766400



007AAB



006ACE

Sweetspot

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



B23D1E



E8BAAE



B21E94



755952



F5F5F5



757575

Same Dimension

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



B23D1E



E83100



B2861E



595250



992000



1A0500

Inverse Universe

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



1E93B2



00B7E8



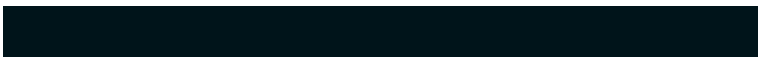
1E4AB2



505759



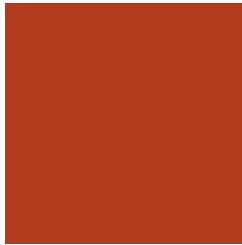
007999



00141A

Previews

White Background



This preview shows how the Hex color B23D1E looks on a white background.

Color Contrast Check

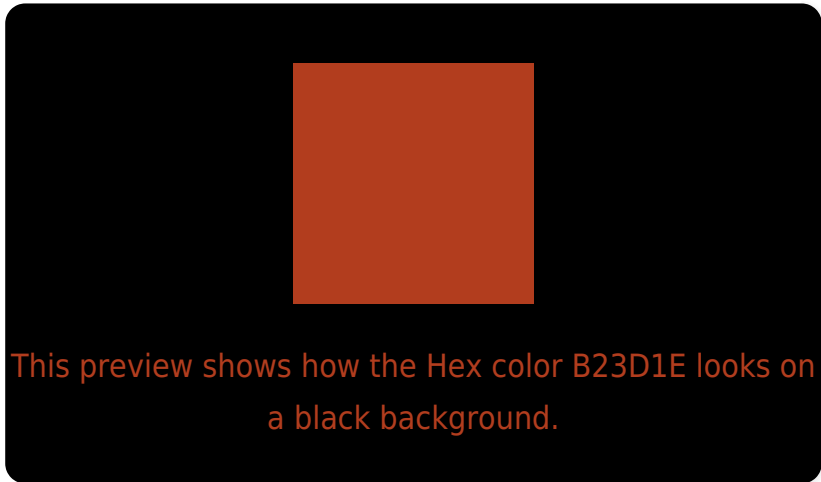
Large Text (above 18pt) WCAG AA ✓ Pass

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 B23D1E Background



This preview shows how black text looks on a background with the Hex color B23D1E.

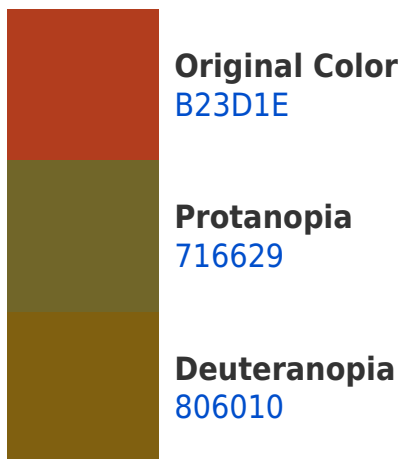


This preview shows how white text looks on a background with the Hex color B23D1E.

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
B33A3D

Trichromacy



Original Color
B23D1E

Protanomaly
895725

Deuteranomaly
925315

Tritanomaly
B33B32

Monochromacy



Original Color
B23D1E

Achromatopsia
5C5C5C

Achromatomaly
7B5145

CSS Examples

Text

The CSS property to change the color of the text to Hex B23D1E 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 #B23D1E looks like.

```
.text, #text, p{  
    color:#B23D1E  
}
```

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 #B23D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23D1E
}
```

Border

The CSS property to change the border of an element to Hex B23D1E 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
#B23D1E }
```

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

```
.border{ border-color:#B23D1E }
```

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

Here you see how a box with a 4 pixel #B23D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23D1E; -webkit-box-shadow:4px 4px  
4px 4px #B23D1E; box-shadow:4px 4px 4px  
4px #B23D1E }
```

Background

The CSS property to change the background color of an element to Hex B23D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23D1E }
```

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

```
.background{ background-color:#B23D1E }
```

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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