

Converting Colors

Hex(B23105)

Have a look what the booklet for
Hex(B23105) contains.

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Color

Hex(B23105)

Conversions

Conversions Part 1

Format	Color
Hex	B23105
RGB	178, 49, 5
RGB Percent	70%, 19%, 2%
CMY	0.3020, 0.8078, 0.9804
CMYK	0.00, 0.72, 0.97, 0.30
HSL	15°, 95%, 36%
HSV	15°, 97%, 70%
XYZ	19.4858, 11.6726, 1.3696
YIQ	82.5550, 91.0080, 13.6640

Conversions

Conversions Part 2

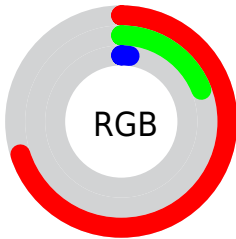
Format	Color
R_{YB}	178, 64, 5
Decimal	11677957
CIE _{Lab}	40.69, 50.47, 51.23
CIE _{LCh}	41, 71.913, 45.430
Yxy	11.6726, 0.5990, 0.3588
Android (android.graphics.Color)	4289868037 (0xFFB23105)
YUV	82.5550, -38.2346, 83.7053
Hunter-Lab	34.1651, 42.0170, 21.5388

Details

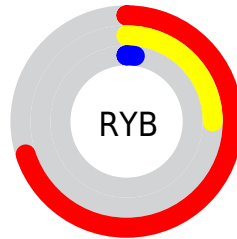
The Hex color **B23105** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0586B2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F16839**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B22D00**, and if you desaturate by 10%, it is **B23E17**.

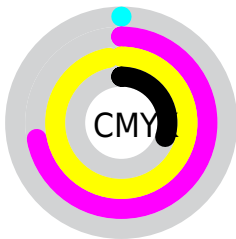
Distribution



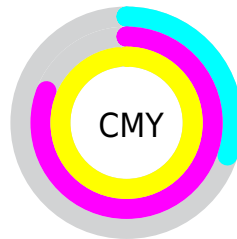
- Red (70%)
- Green (19%)
- Blue (2%)



- Red (70%)
- Yellow (25%)
- Blue (2%)



- Cyan (0%)
- Magenta (72%)
- Yellow (97%)
- Black (30%)



- Cyan (30%)
- Magenta (81%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23105 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 B23105 by changing the saturation by 10% instead.

 B23105

 B23105

 FFFFF4

 930F00

 F16839

 740000

 FF8352

 560000

 FF9E6B

 3B0002

 FFBA85

 160000

 FFD7A0

 000000

 FFF4BB

 FFFFD7

 B23105

 B23105

 B22D00

 B23E17

 B24C29

 B2593A

 B2664C

 B2735E

 B28170

 B28E82

 B29B93

 B2A8A5

Harmonies

Analogous

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



C30045



B23105



8D5300

Triad

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



B23105



007640



005DD3

Complementary

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



B23105



0586B2

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.



006FD4



B23105



00787E

Square

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



B23105



007100



0077B4



853DB4

Rectangle

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



B23105



6C6100



0077B4



0065D7

Sweetspot

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



B23105



E8B6A5



B20587



75574C



F5F5F5



757575

Same Dimension

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



B23105



E83B00



B28705



595350



992700



1A0600

Inverse Universe

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



0586B2



00ADE8



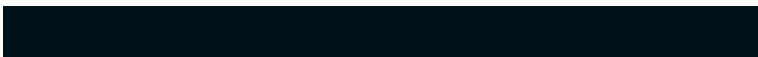
0530B2



505759



007299



00131A

Previews

White Background



This preview shows how the Hex color B23105 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 B23105 Background



This preview shows how black text looks on a background with the Hex color B23105.



This preview shows how white text looks on a background with the Hex color B23105.

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
B23105

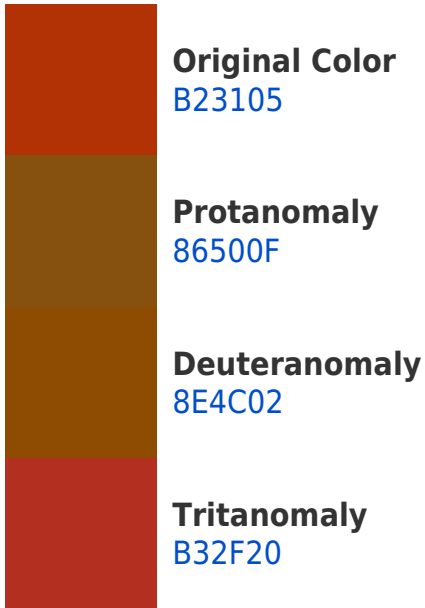
Protanopia
6D6115

Deuteranopia
7A5C00



Tritanopia
B32E2F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B23105 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 #B23105 looks like.

```
.text, #text, p{  
    color:#B23105  
}
```

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 #B23105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23105
}
```

Border

The CSS property to change the border of an element to Hex B23105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

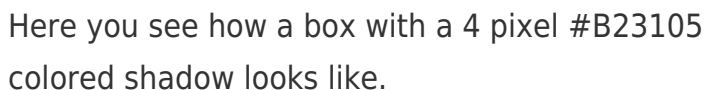
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B23105 }
```

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

```
.border{ border-color:#B23105 }
```

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



Here you see how a box with a 4 pixel #B23105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23105; -webkit-box-shadow:4px 4px  
4px 4px #B23105; box-shadow:4px 4px 4px  
4px #B23105 }
```

Background

The CSS property to change the background color of an element to Hex B23105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23105 }
```

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

```
.background{ background-color:#B23105 }
```

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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