

Converting Colors

Hex(B45D23)

Have a look what the booklet for
Hex(B45D23) contains.

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Color

Hex(B45D23)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B45D23 |
| RGB | 180, 93, 35 |
| RGB Percent | 71%, 36%, 14% |
| CMY | 0.2941, 0.6353, 0.8627 |
| CMYK | 0.00, 0.48, 0.81, 0.29 |
| HSL | 24°, 67%, 42% |
| HSV | 24°, 81%, 71% |
| XYZ | 23.0401, 17.6533, 3.7832 |
| YIQ | 112.4010, 70.4700, 0.4060 |

Conversions

Conversions Part 2

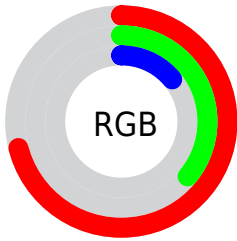
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 132, 35 |
| Decimal | 11820323 |
| CIELab | 49.07, 31.27, 46.93 |
| CIElCh | 49, 56.397, 56.324 |
| Yxy | 17.6533, 0.5180, 0.3969 |
| Android (android.graphics.Color) | 4290010403 (0xFFB45D23) |
| YUV | 112.4010, -38.1587, 59.2843 |
| Hunter-Lab | 42.0159, 24.3557, 24.0725 |

Details

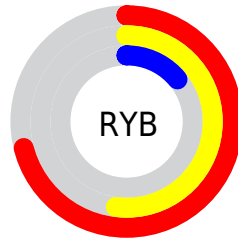
The Hex color **B45D23** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **237AB4**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F19154**, and **792C00** is the 20% darker color. If you saturate the color by 10%, you get **B45211**, and if you desaturate by 10%, it is **B46835**.

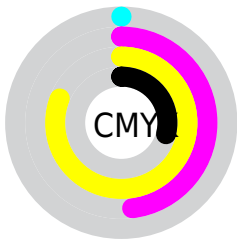
Distribution



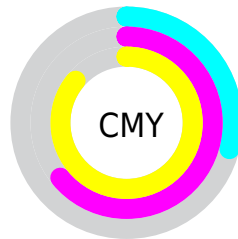
- Red (71%)
- Green (36%)
- Blue (14%)



- Red (71%)
- Yellow (52%)
- Blue (14%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45D23 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 B45D23 by changing the saturation by 10% instead.

 B45D23

 B45D23

FFFFFF

 964408

 F19154

 792C00

 FFAB6D

 5C1400

 FFC788

 400000

 FFE3A2

 280001

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 B45D23

 B45D23

 B45211

 B46835

 B44800

 B47347

 B47D59

 B4886B

 B4937D

 B49E8F

 B4A9A1

 B4B3B3

 B4BEC5

Harmonies

Analogous

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



C84A4D



B45D23



917000

Triad

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



B45D23



008A6D



686ACB

Complementary

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



B45D23



237AB4

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.



007CD4



B45D23



008B9E

Square

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



B45D23



13863C



0086C4



A854AA

Rectangle

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



B45D23



737A00



0086C4



4471D1

Sweetspot

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



B45D23



EBC9B2



B4237A



756153



F5F5F5



757575

Same Dimension

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



B45D23



EB6207



B4A623



595450



993D00



1A0A00

Inverse Universe

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



237AB4



0790EB



2331B4



505659



005C99



000F1A

Previews

White Background



This preview shows how the Hex color B45D23 looks on a white background.

Color Contrast Check

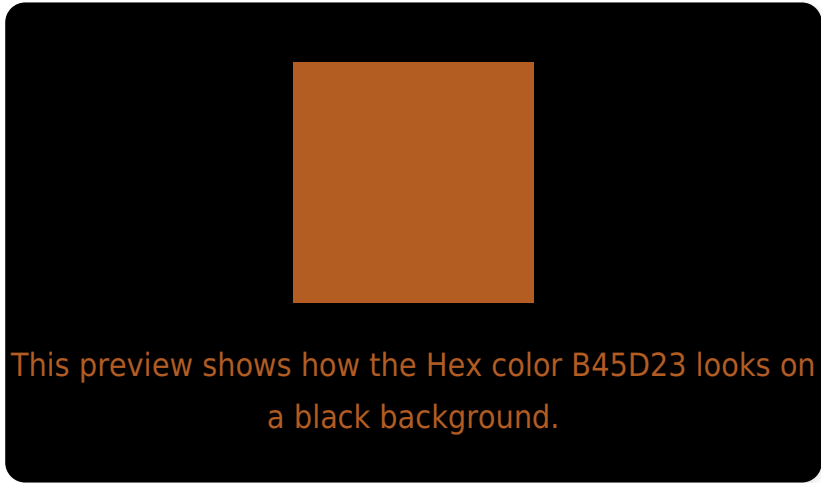
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B45D23 Background



This preview shows how black text looks on a background with the Hex color B45D23.



This preview shows how white text looks on a background with the Hex color B45D23.

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
B45D23

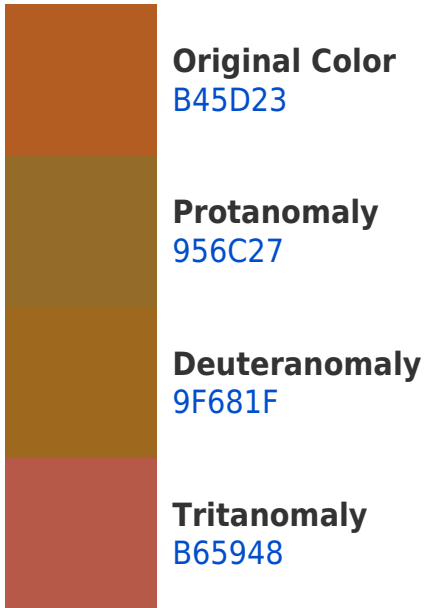
Protanopia
837529

Deuteranopia
936F1C



Tritanopia
B7575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45D23 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 #B45D23 looks like.

```
.text, #text, p{  
    color:#B45D23  
}
```

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 #B45D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45D23
}
```

Border

The CSS property to change the border of an element to Hex B45D23 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
#B45D23 }
```

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

```
.border{ border-color:#B45D23 }
```

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

Here you see how a box with a 4 pixel #B45D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45D23; -webkit-box-shadow:4px 4px  
4px 4px #B45D23; box-shadow:4px 4px 4px  
4px #B45D23 }
```

Background

The CSS property to change the background color of an element to Hex B45D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45D23 }
```

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

```
.background{ background-color:#B45D23 }
```

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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