

Converting Colors

Hex(B24D13)

Have a look what the booklet for
Hex(B24D13) contains.

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Color

Hex(B24D13)

Conversions

Conversions Part 1

Format	Color
Hex	B24D13
RGB	178, 77, 19
RGB Percent	70%, 30%, 7%
CMY	0.3020, 0.6980, 0.9255
CMYK	0.00, 0.57, 0.89, 0.30
HSL	22°, 81%, 39%
HSV	22°, 89%, 70%
XYZ	21.1315, 14.8197, 2.3628
YIQ	100.5870, 78.8140, 3.3740

Conversions

Conversions Part 2

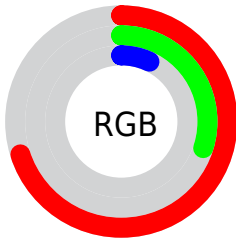
Format	Color
RYB	178, 110, 19
Decimal	11685139
CIELab	45.39, 38.30, 50.05
CIElCh	45, 63.028, 52.574
Yxy	14.8197, 0.5515, 0.3868
Android (android.graphics.Color)	4289875219 (0xFFB24D13)
YUV	100.5870, -40.2224, 67.8912
Hunter-Lab	38.4964, 30.6137, 23.3084

Details

The Hex color **B24D13** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1378B2**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F08145**, and **761A00** is the 20% darker color. If you saturate the color by 10%, you get **B24201**, and if you desaturate by 10%, it is **B25825**.

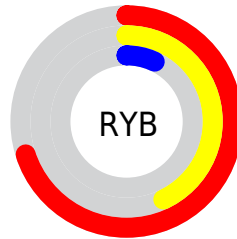
Distribution



Red (70%)

Green (30%)

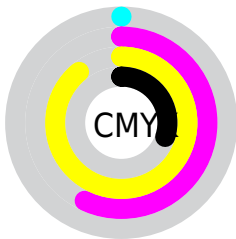
Blue (7%)



Red (70%)

Yellow (43%)

Blue (7%)

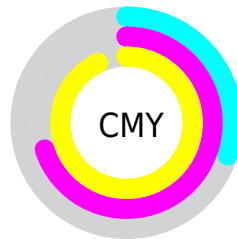


Cyan (0%)

Magenta (57%)

Yellow (89%)

Black (30%)



Cyan (30%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24D13 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 B24D13 by changing the saturation by 10% instead.

 B24D13

 B24D13

FFFFFF

 943400

 F08145

 761A00

 FF9B5F

 580000

 FFB778

 3C0000

 FFD393

 200001

 FFF0AE

 000000

 FFFFCA

 FFFF E6

 B24D13

 B24D13

 B24201

 B25825

 B24100

 B26437

 B26F48

 B27A5A

 B2866C

 B2917E

 B29C90

 B2A7A1

 B2B3B3

Harmonies

Analogous

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



C63347



B24D13



8D6500

Triad

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



B24D13



00825C



4963CE

Complementary

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



B24D13



1378B2

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.



0076D5



B24D13



008393

Square

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



B24D13



007E25



007FBF



9D48AC

Rectangle

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



B24D13



6E7000



007FBF



006BD3

Sweetspot

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



B24D13



E8C0A9



B2137A



755D50



F5F5F5



757575

Same Dimension

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



B24D13



E85500



B29A13



595450



993800



1A0900

Inverse Universe

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



1378B2



0093E8



132BB2



505659



006199



00101A

Previews

White Background



This preview shows how the Hex color B24D13 looks on a white background.

Color Contrast Check

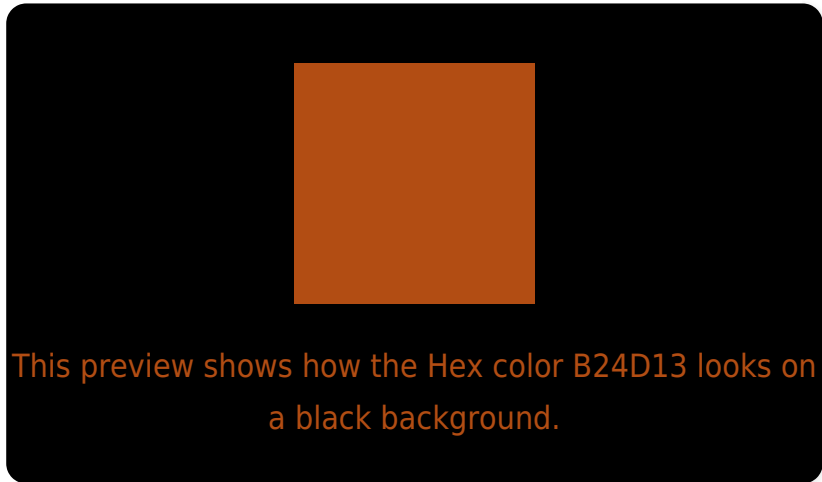
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24D13 Background



This preview shows how black text looks on a background with the Hex color B24D13.



This preview shows how white text looks on a background with the Hex color B24D13.

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
B24D13

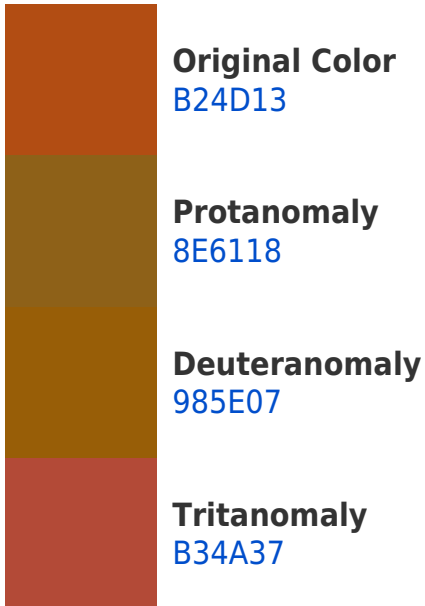
Protanopia
7A6C1B

Deuteranopia
896700

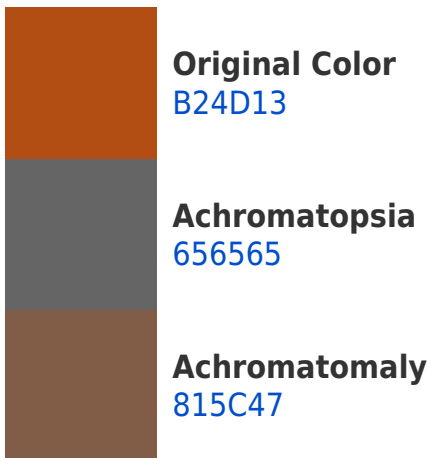


Tritanopia
B4484C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B24D13 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 #B24D13 looks like.

```
.text, #text, p{  
    color:#B24D13  
}
```

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 #B24D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24D13
}
```

Border

The CSS property to change the border of an element to Hex B24D13 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
#B24D13 }
```

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

```
.border{ border-color:#B24D13 }
```

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

Here you see how a box with a 4 pixel #B24D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24D13; -webkit-box-shadow:4px 4px  
4px 4px #B24D13; box-shadow:4px 4px 4px  
4px #B24D13 }
```

Background

The CSS property to change the background color of an element to Hex B24D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24D13 }
```

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

```
.background{ background-color:#B24D13 }
```

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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