

Converting Colors

Hex(B42E0D)

Have a look what the booklet for
Hex(B42E0D) contains.

Hex(B42E0D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B42E0D)

Conversions

Conversions Part 1

Format	Color
Hex	B42E0D
RGB	180, 46, 13
RGB Percent	71%, 18%, 5%
CMY	0.2941, 0.8196, 0.9490
CMYK	0.00, 0.74, 0.93, 0.29
HSL	12°, 87%, 38%
HSV	12°, 93%, 71%
XYZ	19.8720, 11.6863, 1.5891
YIQ	82.3040, 90.4570, 18.1450

Conversions

Conversions Part 2

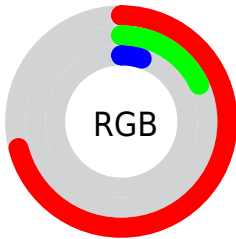
Format	Color
R _Y B	180, 54, 13
Decimal	11808269
CIE Lab	40.71, 52.31, 48.91
CIE LCh	41, 71.608, 43.076
Yxy	11.6863, 0.5995, 0.3526
Android (android.graphics.Color)	4289998349 (0xFFB42E0D)
YUV	82.3040, -34.1669, 85.6794
Hunter-Lab	34.1853, 43.9384, 21.1736

Details

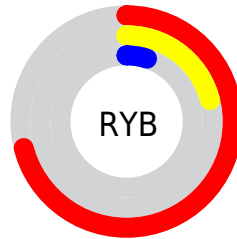
The Hex color **B42E0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D93B4**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F3663E**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B42400**, and if you desaturate by 10%, it is **B43C1F**.

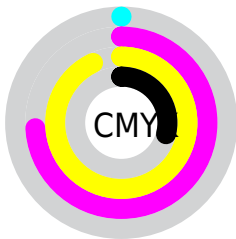
Distribution



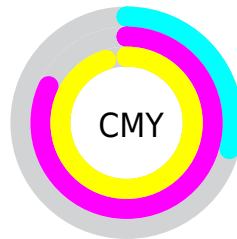
- Red (71%)
- Green (18%)
- Blue (5%)



- Red (71%)
- Yellow (21%)
- Blue (5%)



- Cyan (0%)
- Magenta (74%)
- Yellow (93%)
- Black (29%)



- Cyan (29%)
- Magenta (82%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B42E0D 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 B42E0D by changing the saturation by 10% instead.

 B42E0D

 B42E0D

 FFFFFFF9

 950800

 F3663E

 760000

 FF8156

 580000

 FF9D70

 3D0002

 FFB98A

 190001

 FFD5A4

 000000

 FFF3C0

 FFFFDC

 B42E0D

 B42E0D

 B42400

 B43C1F

 B44B31

 B45943

 B46855

 B47667

 B48579

 B4938B

 B4A29D

 B4B0AF

Harmonies

Analogous

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



C30049



B42E0D



905100

Triad

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



B42E0D



00763B



005FD4

Complementary

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



B42E0D



0D93B4

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.



0070D2



B42E0D



007879

Square

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



B42E0D



007100



0077B0



7F41B7

Rectangle

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



B42E0D



716000



0077B0



0066D7

Sweetspot

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



B42E0D



EBB6A9



B40D95



75554D



F5F5F5



757575

Same Dimension

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



B42E0D



EB2E00



B47F0D



595250



991E00



1A0500

Inverse Universe

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



0D93B4



00BCEB



0D42B4



505759



007B99



00141A

Previews

White Background



This preview shows how the Hex color B42E0D looks on a white background.

Color Contrast Check

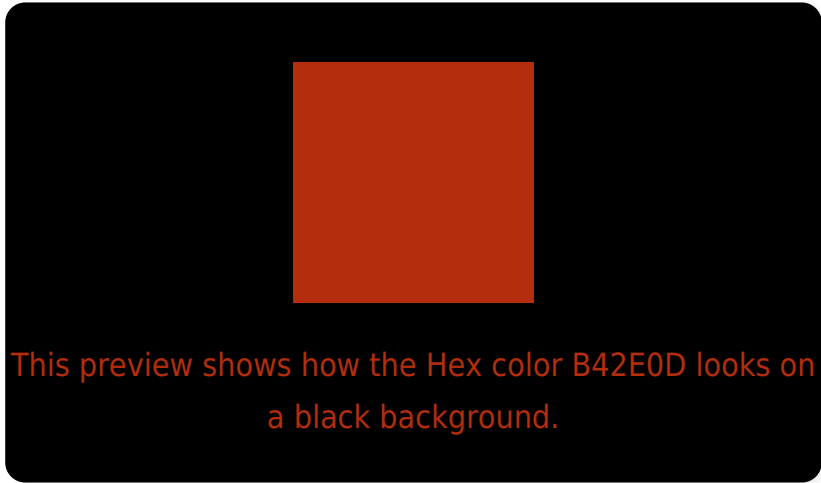
Large Text (above 18pt) WCAG AA ✓ Pass

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 B42E0D Background



This preview shows how black text looks on a background with the Hex color B42E0D.



This preview shows how white text looks on a background with the Hex color B42E0D.

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



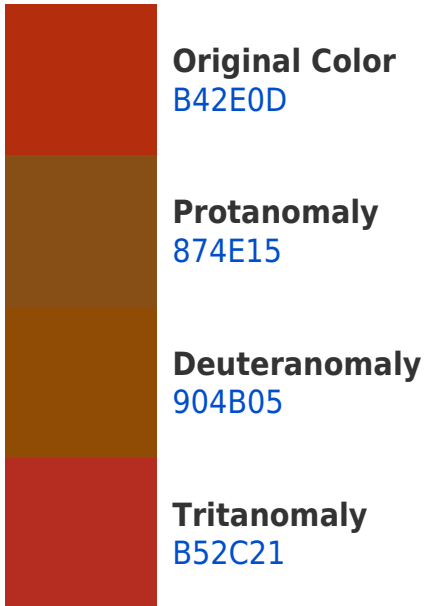
Original Color
B42E0D

Protanopia
6D611A

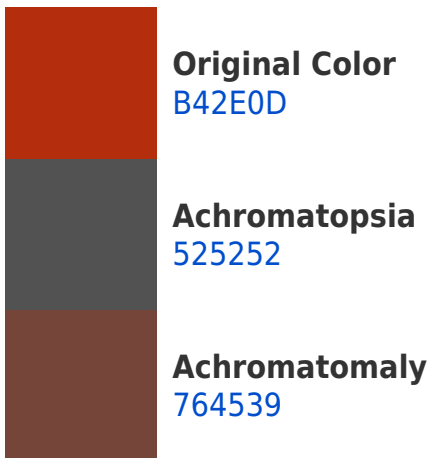
Deuteranopia
7B5C00



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B42E0D 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 #B42E0D looks like.

```
.text, #text, p{  
    color:#B42E0D  
}
```

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 #B42E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42E0D
}
```

Border

The CSS property to change the border of an element to Hex B42E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

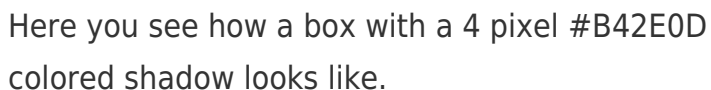
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B42E0D }
```

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

```
.border{ border-color:#B42E0D }
```

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



Here you see how a box with a 4 pixel `#B42E0D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42E0D; -webkit-box-shadow:4px 4px  
4px 4px #B42E0D; box-shadow:4px 4px 4px  
4px #B42E0D }
```

Background

The CSS property to change the background color of an element to Hex B42E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42E0D }
```

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

```
.background{ background-color:#B42E0D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor