

Converting Colors

Hex(B42416)

Have a look what the booklet for
Hex(B42416) contains.

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Color

Hex(B42416)

Conversions

Conversions Part 1

Format	Color
Hex	B42416
RGB	180, 36, 22
RGB Percent	71%, 14%, 9%
CMY	0.2941, 0.8588, 0.9137
CMYK	0.00, 0.80, 0.88, 0.29
HSL	5°, 78%, 40%
HSV	5°, 88%, 71%
XYZ	19.5981, 11.0230, 1.8538
YIQ	77.4600, 90.3180, 26.1740

Conversions

Conversions Part 2

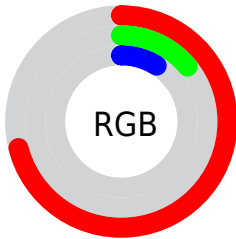
Format	Color
R_{YB}	180, 37, 22
Decimal	11805718
CIE Lab	39.62, 55.65, 44.44
CIE LCh	40, 71.221, 38.611
Yxy	11.0230, 0.6035, 0.3394
Android (android.graphics.Color)	4289995798 (0xFFB42416)
YUV	77.4600, -27.3418, 89.9276
Hunter-Lab	33.2009, 47.2649, 19.9302

Details

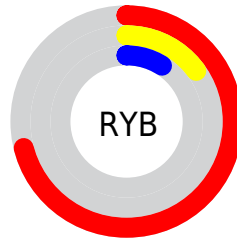
The Hex color **B42416** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16A6B4**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **F35F44**, and **760000** is the 20% darker color. If you saturate the color by 10%, you get **B41404**, and if you desaturate by 10%, it is **B43428**.

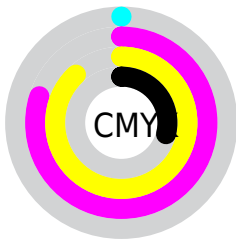
Distribution



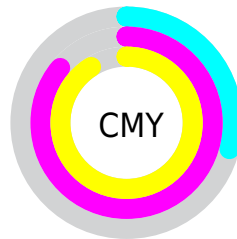
- Red (71%)
- Green (14%)
- Blue (9%)



- Red (71%)
- Yellow (15%)
- Blue (9%)



- Cyan (0%)
- Magenta (80%)
- Yellow (88%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B42416 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 B42416 by changing the saturation by 10% instead.

 B42416

 B42416

FFFFFF

 950000

 F35F44

 760000

 FF7A5D

 570000

 FF9676

 3C0003

 FFB390

 170000

 FFCFAB

 000000

 FFECC6


 FFFFEE

 B42416

 B42416

 B41404

 B43428

 B41000

 B4453A

 B4554C

 B4665E

 B47670

 B48682

 B49794

 B4A7A6

 B4B8B8

Harmonies

Analogous

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



BF0050



B42416



934A00

Triad

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



B42416



00732F



0060D2

Complementary

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



B42416



16A6B4

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.



006FCB



B42416



00756D

Square

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



B42416



196D00



0075A5



6F44B9

Rectangle

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



B42416



755A00



0075A5



0066D3

Sweetspot

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



B42416



EBB3AE



B416A7



755451



F5F5F5



757575

Same Dimension

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



B42416



EB1500



B47216



595150



990E00



1A0200

Inverse Universe

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



16A6B4



00D6EB



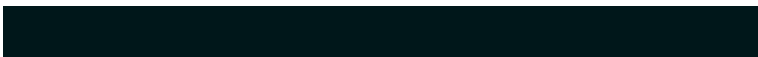
1658B4



505859



008B99



00171A

Previews

White Background



This preview shows how the Hex color B42416 looks on a white background.

Color Contrast Check

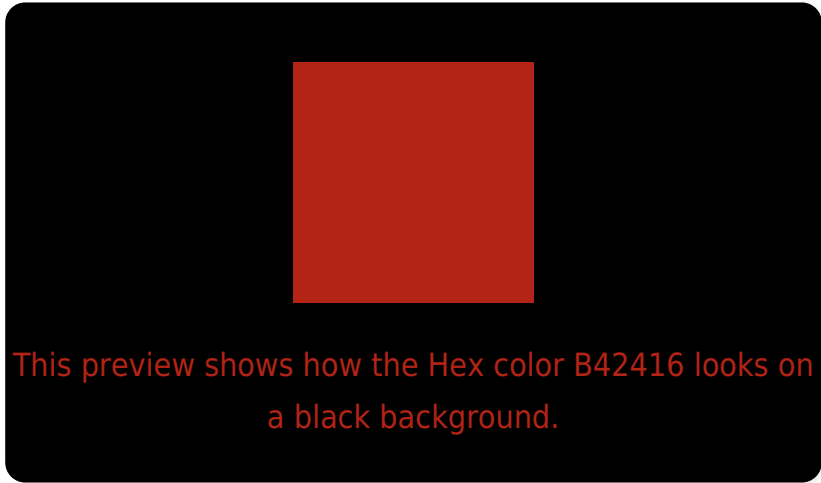
Large Text (above 18pt) WCAG AA ✓ Pass

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 B42416 Background



This preview shows how black text looks on a background with the Hex color B42416.



This preview shows how white text looks on a background with the Hex color B42416.

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

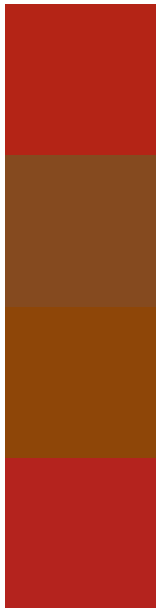


Original Color
B42416

Protanopia
6A5F24

Deuteranopia
785A00

Trichromacy



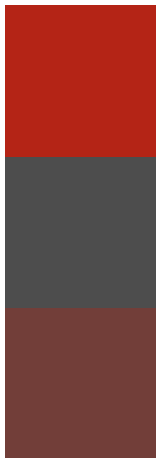
Original Color
B42416

Protanomaly
854A1F

Deuteranomaly
8E4608

Tritanomaly
B4231E

Monochromacy



Original Color
B42416

Achromatopsia
4D4D4D

Achromatomaly
723E39

CSS Examples

Text

The CSS property to change the color of the text to Hex B42416 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 #B42416 looks like.

```
.text, #text, p{  
    color:#B42416  
}
```

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 #B42416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B42416
}
```

Border

The CSS property to change the border of an element to Hex B42416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

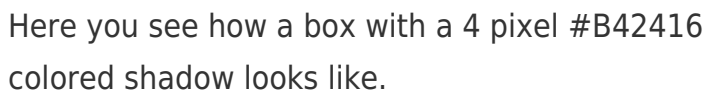
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B42416 }
```

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

```
.border{ border-color:#B42416 }
```

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



Here you see how a box with a 4 pixel #B42416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B42416; -webkit-box-shadow:4px 4px  
4px 4px #B42416; box-shadow:4px 4px 4px  
4px #B42416 }
```

Background

The CSS property to change the background color of an element to Hex B42416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B42416 }
```

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

```
.background{ background-color:#B42416 }
```

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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