

Converting Colors

Hex(B12A08)

Have a look what the booklet for
Hex(B12A08) contains.

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Color

Hex(B12A08)

Conversions

Conversions Part 1

Format	Color
Hex	B12A08
RGB	177, 42, 8
RGB Percent	69%, 16%, 3%
CMY	0.3059, 0.8353, 0.9686
CMYK	0.00, 0.76, 0.95, 0.31
HSL	12°, 91%, 36%
HSV	12°, 95%, 69%
XYZ	19.0033, 11.0206, 1.3553
YIQ	78.4890, 91.3740, 18.0460

Conversions

Conversions Part 2

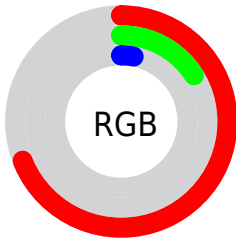
Format	Color
R_{YB}	177, 51, 8
Decimal	11610632
CIE _{Lab}	39.62, 52.65, 49.54
CIE _{LCh}	40, 72.291, 43.255
Yxy	11.0206, 0.6056, 0.3512
Android (android.graphics.Color)	4289800712 (0xFFB12A08)
YUV	78.4890, -34.7511, 86.3941
Hunter-Lab	33.1972, 44.0844, 20.8175

Details

The Hex color **B12A08** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **088FB1**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F0623A**, and **730000** is the 20% darker color. If you saturate the color by 10%, you get **B12400**, and if you desaturate by 10%, it is **B1381A**.

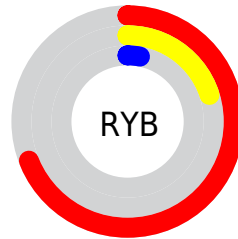
Distribution



Red (69%)

Green (16%)

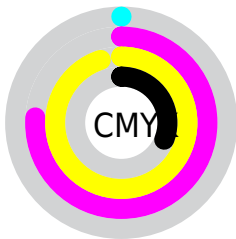
Blue (3%)



Red (69%)

Yellow (20%)

Blue (3%)

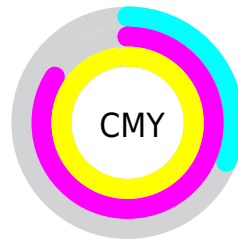


Cyan (0%)

Magenta (76%)

Yellow (95%)

Black (31%)



Cyan (31%)

Magenta (84%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12A08 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 B12A08 by changing the saturation by 10% instead.

 B12A08

 B12A08

 FFFFFFF4

 920000

 F0623A

 730000

 FF7E53

 550000

 FF996C

 3A0002

 FFB586

 120000

 FFD2A0

 000000

 FFEFBC

 FFFFD8

 B12A08

 B12A08

 B12400

 B1381A

 B1462B

 B1543D

 B1634F

 B17161

 B17F72

 B18D84

 B19B96

 B1A9A7

Harmonies

Analogous

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



C10046



B12A08



8D4E00

Triad

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



B12A08



007339



005DD2

Complementary

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



B12A08



088FB1

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.



006ED0



B12A08



007577

Square

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



B12A08



006E00



0074AE



7D3DB5

Rectangle

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



B12A08



6D5D00



0074AE



0064D5

Sweetspot

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



B12A08



E6B0A3



B1088F



73534B



F2F2F2



737373

Same Dimension

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



B12A08



E62E00



B17E08



595250



991F00



1A0500

Inverse Universe

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



088FB1



00B7E6



083BB1



505759



007A99



00141A

Previews

White Background



This preview shows how the Hex color B12A08 looks on a white background.

Color Contrast Check

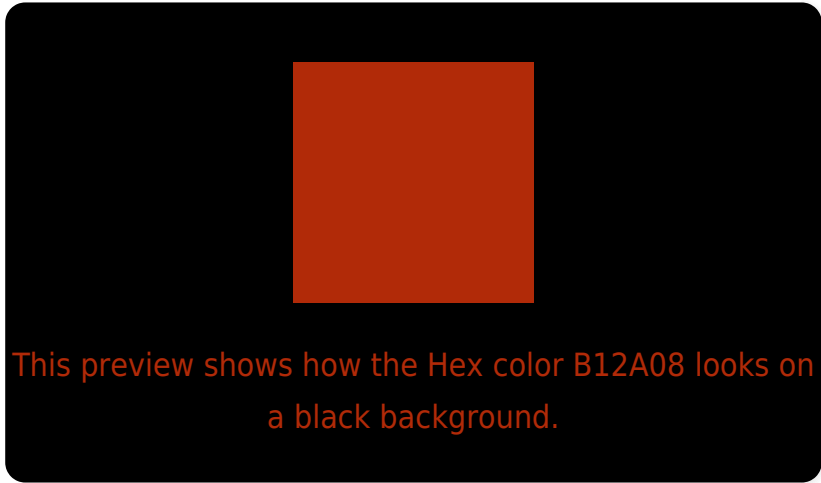
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12A08 Background



This preview shows how black text looks on a background with the Hex color B12A08.



This preview shows how white text looks on a background with the Hex color B12A08.

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

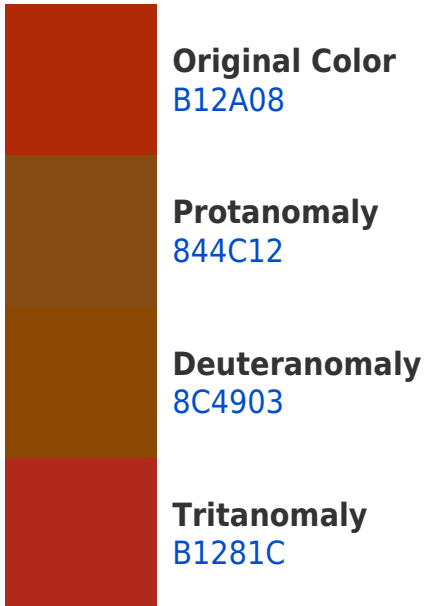


Original Color
B12A08

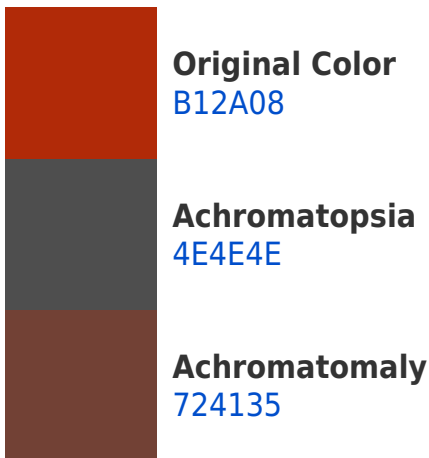
Protanopia
6A5F17

Deuteranopia
775A00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B12A08 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 #B12A08 looks like.

```
.text, #text, p{  
    color:#B12A08  
}
```

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 #B12A08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12A08
}
```

Border

The CSS property to change the border of an element to Hex B12A08 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".

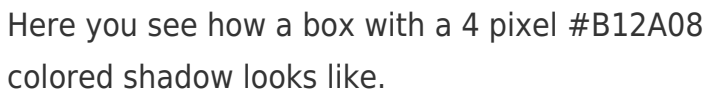
```
.border, #border, table{ border:4px solid
#B12A08 }
```

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

```
.border{ border-color:#B12A08 }
```

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

Here you see how a box with a 4 pixel #B12A08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12A08; -webkit-box-shadow:4px 4px  
4px 4px #B12A08; box-shadow:4px 4px 4px  
4px #B12A08 }
```

Background

The CSS property to change the background color of an element to Hex B12A08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12A08 }
```

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

```
.background{ background-color:#B12A08 }
```

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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