

Converting Colors

Hex(B12C44)

Have a look what the booklet for
Hex(B12C44) contains.

Hex(B12C44)	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(B12C44)

Conversions

Conversions Part 1

Format	Color
Hex	B12C44
RGB	177, 44, 68
RGB Percent	69%, 17%, 27%
CMY	0.3059, 0.8275, 0.7333
CMYK	0.00, 0.75, 0.62, 0.31
HSL	349°, 60%, 43%
HSV	349°, 75%, 69%
XYZ	20.0755, 11.5658, 6.6432
YIQ	86.5030, 71.5640, 35.6600

Conversions

Conversions Part 2

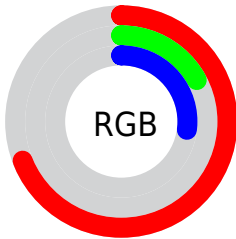
Format	Color
R_{YB}	177, 44, 68
Decimal	11611204
CIE _{Lab}	40.52, 54.16, 18.71
CIE _{LCh}	41, 57.299, 19.057
Yxy	11.5658, 0.5244, 0.3021
Android (android.graphics.Color)	4289801284 (0xFFB12C44)
YUV	86.5030, -9.1220, 79.3659
Hunter-Lab	34.0086, 45.8550, 12.2244

Details

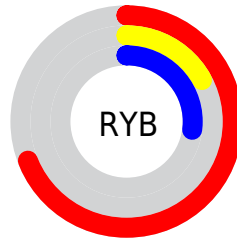
The Hex color **B12C44** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2CB199**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **EE6574**, and **75001A** is the 20% darker color. If you saturate the color by 10%, you get **B11A35**, and if you desaturate by 10%, it is **B13E53**.

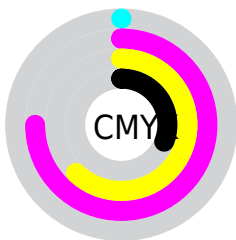
Distribution



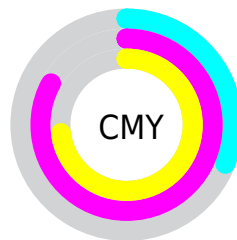
- Red (69%)
- Green (17%)
- Blue (27%)



- Red (69%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (62%)
- Black (31%)



- Cyan (31%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12C44 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 B12C44 by changing the saturation by 10% instead.

 B12C44

 B12C44

FFFFFF

 93022E

 EE6574

 75001A

 FF808D

 590000

 FF9CA8

 3E0002

 FFB8C3

 1A0001

 FFD5DF

 000000

 FFF2FB

 B12C44

 B12C44

 B11A35

 B13E53

 B10927

 B14F61

 B10020

 B16170

 B1737E

 B1848D

 B1969B

 B1A8AA

 B1BAB8

 B1CBC7

Harmonies

Analogous

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



AA2C73



B12C44



A24217

Triad

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



B12C44



116F1B



006ABC

Complementary

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



B12C44



2CB199

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.



0072A6



B12C44



00734C

Square

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



B12C44



586600



00747D



315BB9

Rectangle

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



B12C44



8E5100



00747D



006EB7

Sweetspot

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



B12C44



E6B1BA



992CB1



735358



F2F2F2



737373

Same Dimension

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



B12C44



E6173C



B1562C



595052



99001C



1A0005

Inverse Universe

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



B12C44



E6173C



2C87B1



595052



99001C



1A0005

Previews

White Background



This preview shows how the Hex color B12C44 looks on a white background.

Color Contrast Check

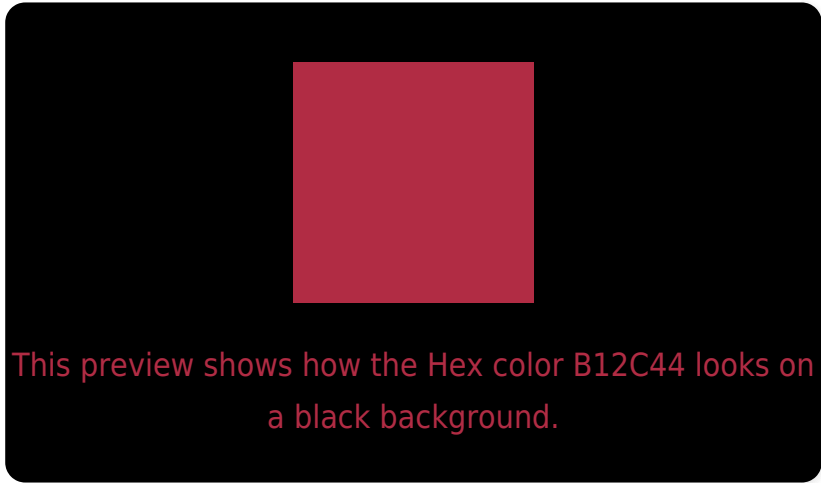
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12C44 Background



This preview shows how black text looks on a background with the Hex color B12C44.



This preview shows how white text looks on a background with the Hex color B12C44.

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

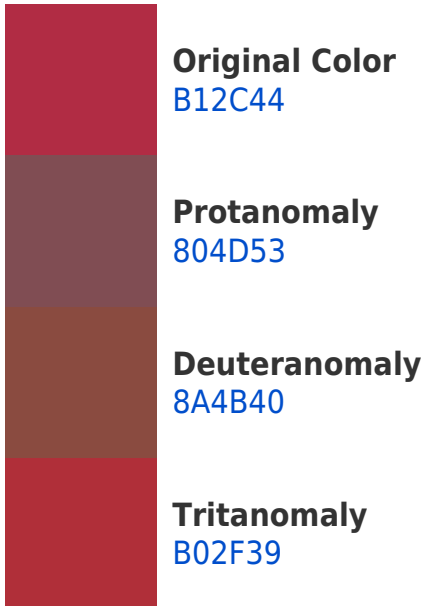


Original Color
B12C44

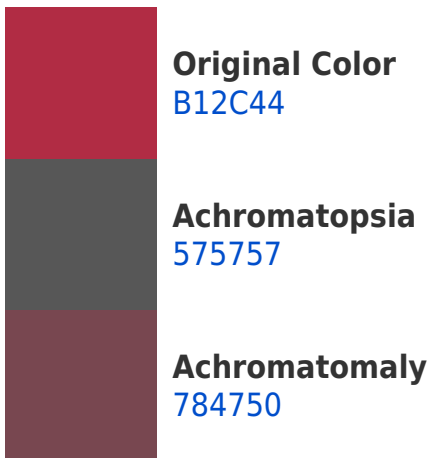
Protanopia
64605B

Deuteranopia
745C3D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B12C44 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 #B12C44 looks like.

```
.text, #text, p{  
    color:#B12C44  
}
```

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 #B12C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12C44
}
```

Border

The CSS property to change the border of an element to Hex B12C44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

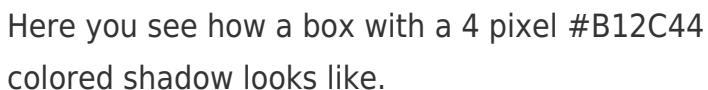
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12C44 }
```

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

```
.border{ border-color:#B12C44 }
```

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



Here you see how a box with a 4 pixel `#B12C44` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12C44; -webkit-box-shadow:4px 4px  
4px 4px #B12C44; box-shadow:4px 4px 4px  
4px #B12C44 }
```

Background

The CSS property to change the background color of an element to Hex B12C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12C44 }
```

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

```
.background{ background-color:#B12C44 }
```

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