

Converting Colors

Hex(B12D35)

Have a look what the booklet for
Hex(B12D35) contains.

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Color

Hex(**B12D35**)

Conversions

Conversions Part 1

Format	Color
Hex	B12D35
RGB	177, 45, 53
RGB Percent	69%, 18%, 21%
CMY	0.3059, 0.8235, 0.7922
CMYK	0.00, 0.75, 0.70, 0.31
HSL	356°, 59%, 44%
HSV	356°, 75%, 69%
XYZ	19.7125, 11.4809, 4.5452
YIQ	85.3800, 76.1040, 30.4720

Conversions

Conversions Part 2

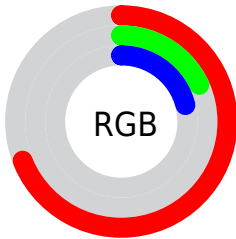
Format	Color
RYB	177, 45, 53
Decimal	11611445
CIELab	40.38, 52.95, 27.83
CIElCh	40, 59.817, 27.722
Yxy	11.4809, 0.5516, 0.3212
Android (android.graphics.Color)	4289801525 (0xFFB12D35)
YUV	85.3800, -15.9633, 80.3507
Hunter-Lab	33.8835, 44.5500, 15.7651

Details

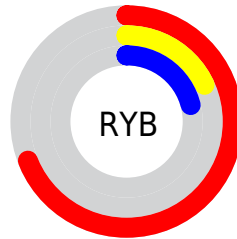
The Hex color **B12D35** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2DB1A9**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EF6564**, and **75000A** is the 20% darker color. If you saturate the color by 10%, you get **B11B24**, and if you desaturate by 10%, it is **B13F46**.

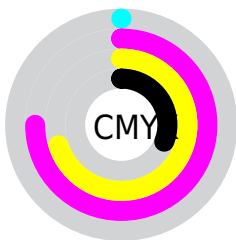
Distribution



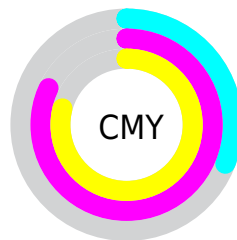
- Red (69%)
- Green (18%)
- Blue (21%)



- Red (69%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (75%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B12D35 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 B12D35 by changing the saturation by 10% instead.

 B12D35

 B12D35

FFFFFF

 930520

 EF6564

 75000A

 FF817D

 570000

 FF9C97

 3C0002

 FFB8B1

 180001

 FFD5CD

 000000

 FFF2E9

 B12D35

 B12D35

 B11B24

 B13F46

 B10A14

 B15056

 B1000B

 B16267

 B17478

 B18688

 B19799

 B1A9A9

 B1BBBA

 B1CCCB

Harmonies

Analogous

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



B12365



B12D35



9B4700

Triad

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



B12D35



007126



0067C2

Complementary

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



B12D35



2DB1A9

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.



0071B2



B12D35



00745A

Square

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



B12D35



476900



00748C



5154B7

Rectangle

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



B12D35



845600



00748C



006BC0

Sweetspot

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



B12D35



E6B3B6



A82DB1



735557



F2F2F2



737373

Same Dimension

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



B12D35



E61926



B1662D



595051



990009



1A0002

Inverse Universe

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



B12D35



E61926



2D78B1



595051



990009



1A0002

Previews

White Background



This preview shows how the Hex color B12D35 looks on a white background.

Color Contrast Check

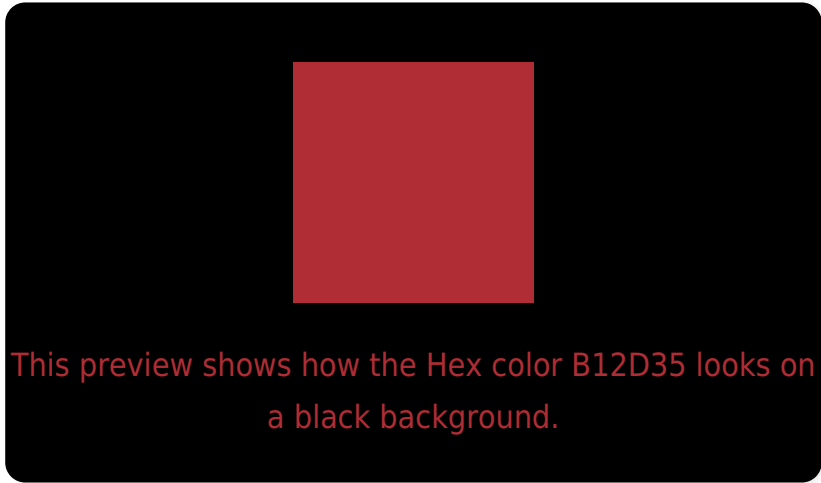
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12D35 Background



This preview shows how black text looks on a background with the Hex color B12D35.



This preview shows how white text looks on a background with the Hex color B12D35.

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](#).

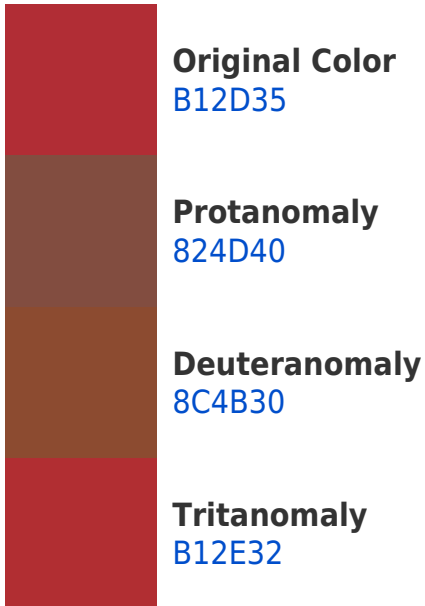
Dichromacy



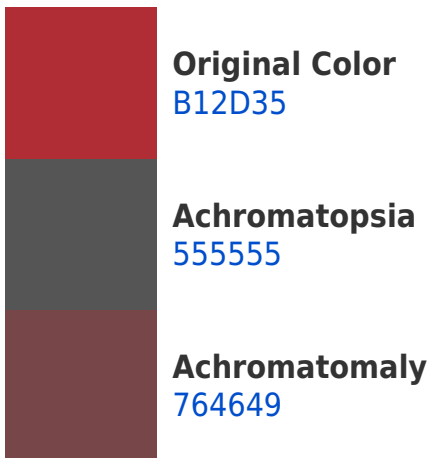


Tritanopia
B12E30

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B12D35 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 #B12D35 looks like.

```
.text, #text, p{  
    color:#B12D35  
}
```

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 #B12D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12D35
}
```

Border

The CSS property to change the border of an element to Hex B12D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

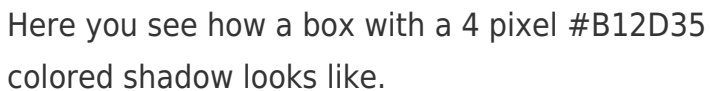
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12D35 }
```

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

```
.border{ border-color:#B12D35 }
```

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



Here you see how a box with a 4 pixel #B12D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12D35; -webkit-box-shadow:4px 4px  
4px 4px #B12D35; box-shadow:4px 4px 4px  
4px #B12D35 }
```

Background

The CSS property to change the background color of an element to Hex B12D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12D35 }
```

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

```
.background{ background-color:#B12D35 }
```

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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