

# Converting Colors

Hex(B12948)

Have a look what the booklet for  
Hex(B12948) contains.

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**Color**

**Hex(B12948)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B12948
RGB	177, 41, 72
RGB Percent	69%, 16%, 28%
CMY	0.3059, 0.8392, 0.7176
CMYK	0.00, 0.77, 0.59, 0.31
HSL	346°, 62%, 43%
HSV	346°, 77%, 69%
XYZ	20.0941, 11.4009, 7.2724
YIQ	85.1980, 71.1050, 38.4730

# Conversions

## Conversions Part 2

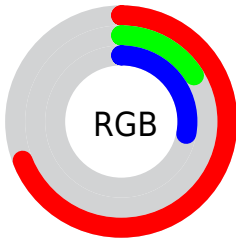
Format	Color
<a href="#">RYB</a>	<a href="#">177, 41, 72</a>
Decimal	<a href="#">11610440</a>
CIELab	<a href="#">40.25, 55.41, 15.83</a>
CIELCh	<a href="#">40, 57.632, 15.945</a>
Yxy	<a href="#">11.4009, 0.5183, 0.2941</a>
Android (android.graphics.Color)	<a href="#">4289800520 (0xFFB12948)</a>
YUV	<a href="#">85.1980, -6.5066, 80.5104</a>
Hunter-Lab	<a href="#">33.7652, 47.1387, 10.8656</a>

# Details

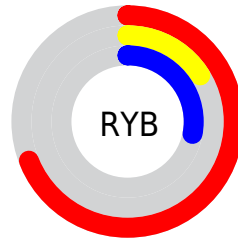
The Hex color **B12948** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **29B192**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **EE6378**, and **76001D** is the 20% darker color. If you saturate the color by 10%, you get **B1173A**, and if you desaturate by 10%, it is **B13B56**.

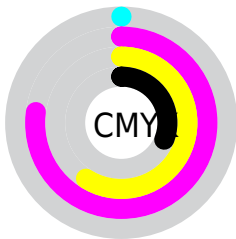
# Distribution



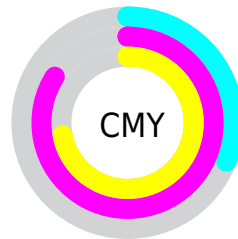
- Red (69%)
- Green (16%)
- Blue (28%)



- Red (69%)
- Yellow (16%)
- Blue (28%)



- Cyan (0%)
- Magenta (77%)
- Yellow (59%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B12948 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 B12948 by changing the saturation by 10% instead.



 B12948

 B12948

FFFFFF

 930032

 EE6378

 76001D

 FF7E92

 590003

 FF9AAC

 3E0003

 FFB7C8

 1A0001

 FFD3E4

 000000

 FFF1FF

 B12948

 B12948

 B1173A

 B13B56

 B1062D

 B14C63

 B10028

 B15E71

 B1707F

 B1828C

 B1939A

 B1A5A8

 B1B7B5

 B1C8C3

# Harmonies

## Analogous

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



A72D77



B12948



A43E1B

# Triad

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



B12948



1D6E13



006BBB

# Complementary

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



B12948



29B192

# 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.



0072A2



B12948



007246

# Square

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



B12948



5C6400



007477



185CBA

# Rectangle

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



B12948



914E00



007477



006EB5



# Sweetspot

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



B12948



E6B1BD



9129B1



73535A



F2F2F2



737373



# Same Dimension

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



B12948



E61242



B14D29



595052



990023



1A0006



# Inverse Universe

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



B12948



E61242



298DB1



595052



990023



1A0006



# Previews

## White Background



This preview shows how the Hex color B12948 looks on a white background.

## Color Contrast Check

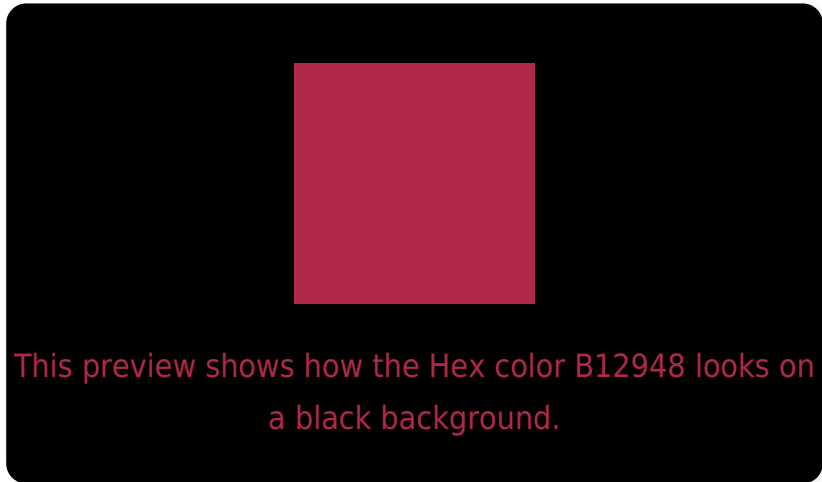
Large Text (above 18pt) WCAG AA ✓ Pass

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 B12948 Background



This preview shows how black text looks on a background with the Hex color B12948.



This preview shows how white text looks on a background with the Hex color B12948.

# 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



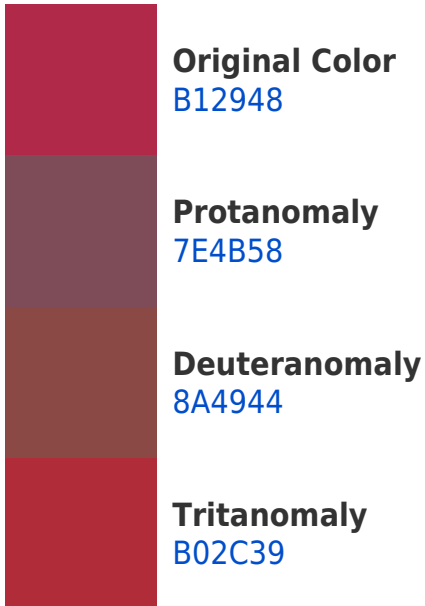
**Original Color**  
B12948

**Protanopia**  
615F61

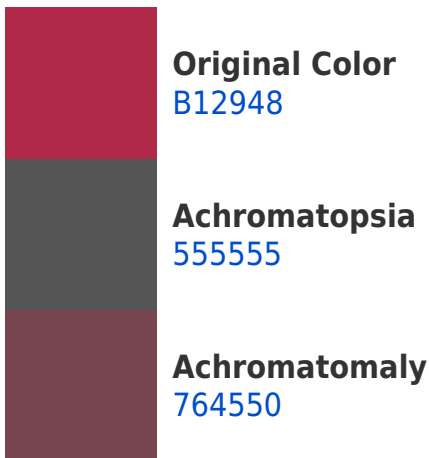
**Deuteranopia**  
735C41



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B12948 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 #B12948 looks like.

```
.text, #text, p{  
    color:#B12948  
}
```

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 #B12948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B12948
}
```

## Border

The CSS property to change the border of an element to Hex B12948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

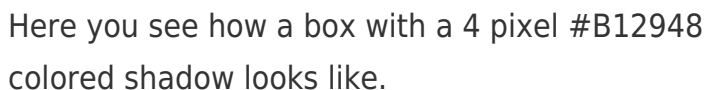
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B12948 }
```

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

```
.border{ border-color:#B12948 }
```

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



Here you see how a box with a 4 pixel #B12948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B12948; -webkit-box-shadow:4px 4px  
4px 4px #B12948; box-shadow:4px 4px 4px  
4px #B12948 }
```

# Background

The CSS property to change the background color of an element to Hex B12948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B12948 }
```

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

```
.background{ background-color:#B12948 }
```

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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