

Converting Colors

Hex(B72142)

Have a look what the booklet for
Hex(B72142) contains.

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Color

Hex(B72142)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B72142 |
| RGB | 183, 33, 66 |
| RGB Percent | 72%, 13%, 26% |
| CMY | 0.2824, 0.8706, 0.7412 |
| CMYK | 0.00, 0.82, 0.64, 0.28 |
| HSL | 347°, 69%, 42% |
| HSV | 347°, 82%, 72% |
| XYZ | 21.0557, 11.5483, 6.2736 |
| YIQ | 81.6120, 78.8070, 42.0630 |

Conversions

Conversions Part 2

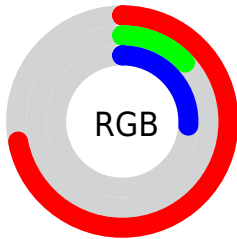
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 183, 33, 66 |
| Decimal | 12001602 |
| CIE Lab | 40.49, 59.05, 20.15 |
| CIE LCh | 40, 62.393, 18.840 |
| Yxy | 11.5483, 0.5416, 0.2970 |
| Android (android.graphics.Color) | 4290191682 (0xFFB72142) |
| YUV | 81.6120, -7.6967, 88.9173 |
| Hunter-Lab | 33.9828, 51.1280, 12.8425 |

Details

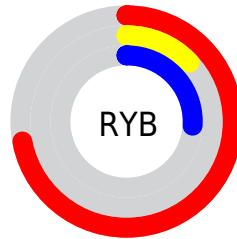
The Hex color **B72142** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **21B796**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F55E72**, and **7A0018** is the 20% darker color. If you saturate the color by 10%, you get **B70F34**, and if you desaturate by 10%, it is **B73350**.

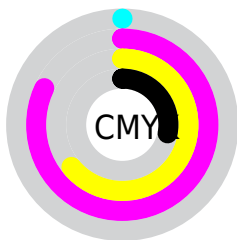
Distribution



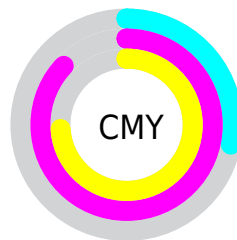
- Red (72%)
- Green (13%)
- Blue (26%)



- Red (72%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (82%)
- Yellow (64%)
- Black (28%)



- Cyan (28%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color B72142 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 B72142 by changing the saturation by 10% instead.

 B72142

 B72142

FFFFFF

 99002C

 F55E72

 7A0018

 FF7A8B

 5D0000

 FF97A5

 410003

 FFB3C0

 200001

 FFD0DC

 000000

 FFEDF9

 B72142

 B72142

 B70F34

 B73350

 B70028

 B7465F

 B7586D

 B76A7B

 B77D89

 B78F98

 B7A1A6

 B7B3B4

 B7C6C2

Harmonies

Analogous

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



AF2275



B72142



A63E0F

Triad

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



B72142



007010



006BC5

Complementary

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



B72142



21B796

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.



0073AC



B72142



00744A

Square

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



B72142



566700



00767F



205AC1

Rectangle

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



B72142



914F00



00767F



006FBF

Sweetspot

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



B72142



EDB2BF



9421B7



78545C



F7F7F7



787878

Same Dimension

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



B72142



ED0538



B74921



5C5355



9C0022



1C0006

Inverse Universe

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



B72142



ED0538



218FB7



5C5355



9C0022



1C0006

Previews

White Background



This preview shows how the Hex color B72142 looks on a white background.

Color Contrast Check

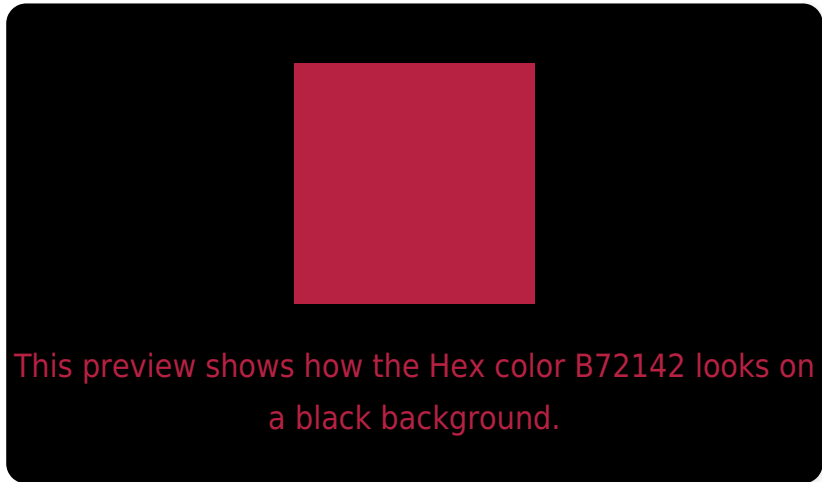
Large Text (above 18pt) WCAG AA ✓ Pass

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 B72142 Background



This preview shows how black text looks on a background with the Hex color B72142.



This preview shows how white text looks on a background with the Hex color B72142.

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
B72142

Protanopia
63605C

Deuteranopia
755C3A

Trichromacy



Original Color
B72142

Protanomaly
824953

Deuteranomaly
8D473D

Tritanomaly
B62531

Monochromacy



Original Color
B72142

Achromatopsia
525252

Achromatomaly
77404C

CSS Examples

Text

The CSS property to change the color of the text to Hex B72142 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 #B72142 looks like.

```
.text, #text, p{  
    color:#B72142  
}
```

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 #B72142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72142
}
```

Border

The CSS property to change the border of an element to Hex B72142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

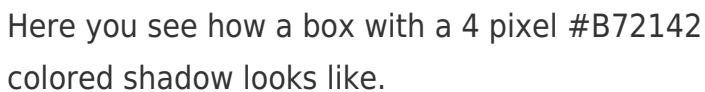
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B72142 }
```

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

```
.border{ border-color:#B72142 }
```

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



Here you see how a box with a 4 pixel #B72142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72142; -webkit-box-shadow:4px 4px  
4px 4px #B72142; box-shadow:4px 4px 4px  
4px #B72142 }
```

Background

The CSS property to change the background color of an element to Hex B72142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72142 }
```

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

```
.background{ background-color:#B72142 }
```

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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