

Converting Colors

Hex(BD2473)

Have a look what the booklet for
Hex(BD2473) contains.

Hex(BD2473)	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(BD2473)

Conversions

Conversions Part 1

Format	Color
Hex	BD2473
RGB	189, 36, 115
RGB Percent	74%, 14%, 45%
CMY	0.2588, 0.8588, 0.5490
CMYK	0.00, 0.81, 0.39, 0.26
HSL	329°, 68%, 44%
HSV	329°, 81%, 74%
XYZ	24.7117, 13.3184, 17.4879
YIQ	90.7530, 65.8290, 57.0050

Conversions

Conversions Part 2

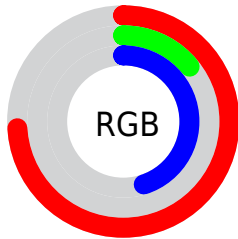
Format	Color
R_{YB}	189, 36, 115
Decimal	12395635
CIE _{Lab}	43.24, 63.78, -6.58
CIE _{LCh}	43, 64.120, 354.111
Yxy	13.3184, 0.4451, 0.2399
Android (android.graphics.Color)	4290585715 (0xFFBD2473)
YUV	90.7530, 11.9538, 86.1626
Hunter-Lab	36.4943, 57.0038, -2.8654

Details

The Hex color **BD2473** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **24BD6E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FA63A7**, and **820043** is the 20% darker color. If you saturate the color by 10%, you get **BD116A**, and if you desaturate by 10%, it is **BD377C**.

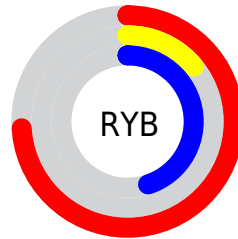
Distribution



Red (74%)

Green (14%)

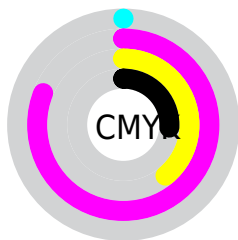
Blue (45%)



Red (74%)

Yellow (14%)

Blue (45%)

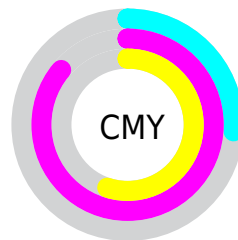


Cyan (0%)

Magenta (81%)

Yellow (39%)

Black (26%)



Cyan (26%)

Magenta (86%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2473 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 BD2473 by changing the saturation by 10% instead.

 BD2473

 BD2473

FFFFFF

 9F005A

 FA63A7

 820043

 FF7FC2

 65002D

 FF9CDE

 4A0019

 FFB9FA

 2E0002

 FFD6FF

 000000

 FFF3FF

 BD2473

 BD2473

 BD116A

 BD377C

 BD0062

 BD4A85

 BD5D8E

 BD7098

 BD83A1

 BD95AA

 BDA8B3

 BDBBBC

 BDCEC5

Harmonies

Analogous

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



9A40A5



BD2473



C02B3E

Triad

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



BD2473



537000



007ABC

Complementary

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



BD2473



24BD6E

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.



007D90



BD2473



007821

Square

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



BD2473



856000



007C5A



0070D1

Rectangle

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



BD2473



B43F1C



007C5A



007CB0

Sweetspot

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



BD2473



F5BAD8



6E24BD



7A5769



FAFAFA



7A7A7A

Same Dimension

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



BD2473



F50782



BD2427



5E555A



9E0052



1F0010

Inverse Universe

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



BD2473



F50782



24BDBA



5E555A



9E0052



1F0010

Previews

White Background



This preview shows how the Hex color BD2473 looks on a white background.

Color Contrast Check

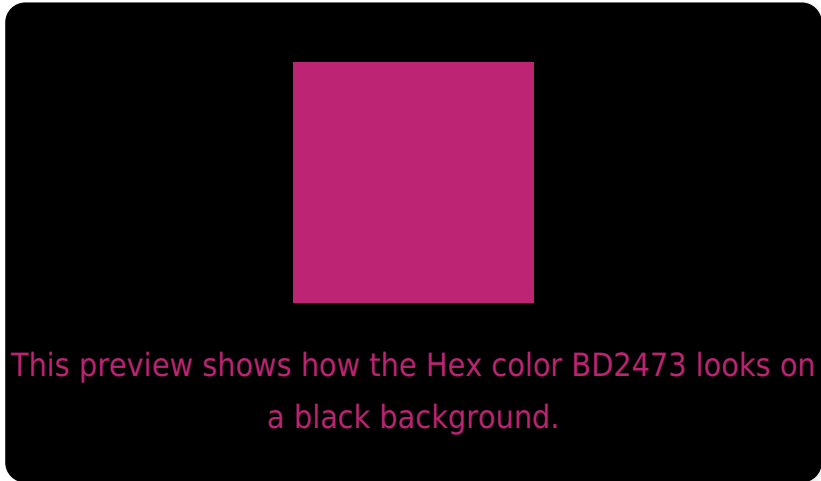
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2473 Background



This preview shows how black text looks on a background with the Hex color BD2473.



This preview shows how white text looks on a background with the Hex color BD2473.

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

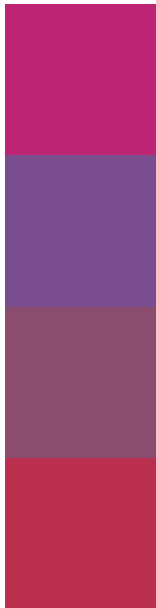


Original Color
BD2473

Protanopia
54659D

Deuteranopia
6F646B

Trichromacy



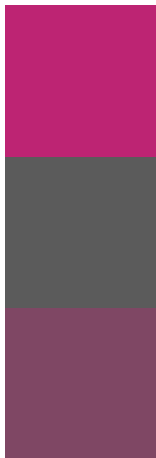
Original Color
BD2473

Protanomaly
7A4D8E

Deuteranomaly
8B4D6E

Tritanomaly
BA304E

Monochromacy



Original Color
BD2473

Achromatopsia
5B5B5B

Achromatomaly
7F4764

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2473 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 #BD2473 looks like.

```
.text, #text, p{  
    color:#BD2473  
}
```

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 #BD2473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2473
}
```

Border

The CSS property to change the border of an element to Hex BD2473 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
#BD2473 }
```

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

```
.border{ border-color:#BD2473 }
```

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

Here you see how a box with a 4 pixel #BD2473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2473; -webkit-box-shadow:4px 4px  
4px 4px #BD2473; box-shadow:4px 4px 4px  
4px #BD2473 }
```

Background

The CSS property to change the background color of an element to Hex BD2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2473 }
```

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

```
.background{ background-color:#BD2473 }
```

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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