

Converting Colors

Hex(B24C87)

Have a look what the booklet for
Hex(B24C87) contains.

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Color

Hex(B24C87)

Conversions

Conversions Part 1

Format	Color
Hex	B24C87
RGB	178, 76, 135
RGB Percent	70%, 30%, 53%
CMY	0.3020, 0.7020, 0.4706
CMYK	0.00, 0.57, 0.24, 0.30
HSL	325°, 40%, 50%
HSV	325°, 57%, 70%
XYZ	25.3177, 16.3831, 24.7495
YIQ	113.2240, 41.8530, 39.9730

Conversions

Conversions Part 2

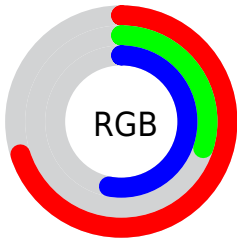
Format	Color
R_{YB}	178, 76, 135
Decimal	11684999
CIE _{Lab}	47.47, 48.12, -12.62
CIE _{LCh}	47, 49.747, 345.303
Yxy	16.3831, 0.3810, 0.2465
Android (android.graphics.Color)	4289875079 (0xFFB24C87)
YUV	113.2240, 10.7356, 56.8086
Hunter-Lab	40.4761, 40.8183, -7.9203

Details

The Hex color **B24C87** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4CB277**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **EC81BC**, and **7A1355** is the 20% darker color. If you saturate the color by 10%, you get **B23A7F**, and if you desaturate by 10%, it is **B25E8F**.

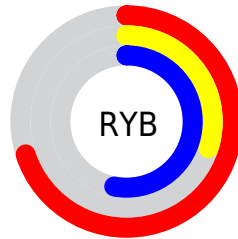
Distribution



Red (70%)

Green (30%)

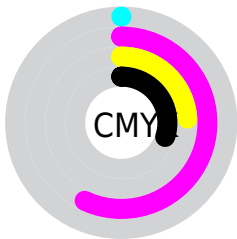
Blue (53%)



Red (70%)

Yellow (30%)

Blue (53%)

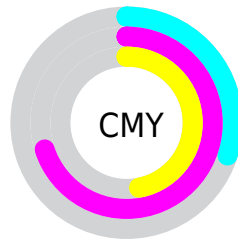


Cyan (0%)

Magenta (57%)

Yellow (24%)

Black (30%)



Cyan (30%)

Magenta (70%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24C87 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 B24C87 by changing the saturation by 10% instead.

 B24C87

 B24C87

FFFFFF

 96316E

 EC81BC

 7A1355

 FF9DD8

 5F003E

 FFB8F5

 450028

 FFD5FF

 2D0013

 FFF2FF

 000000

 B24C87

 B24C87

 B23A7F

 B25E8F

 B22878

 B27096

 B21770

 B2819E

 B20569

 B293A5

 B20067

 B2A5AD

 B2B7B4

 B2C9BC

 B2DAC3

 B2ECCB

Harmonies

Analogous

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



8E5CAC



B24C87



BD495D

Triad

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



B24C87



727515



0082AB

Complementary

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



B24C87



4CB277

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.



008585



B24C87



417E32

Square

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



B24C87



976719



00835A



007BC2

Rectangle

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



B24C87



B85142



00835A



0084A0

Sweetspot

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



B24C87



E8C1D7



774CB2



755E6B



F5F5F5



757575

Same Dimension

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



B24C87



E848A5



B24C54



595055



990058



1A000F

Inverse Universe

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



B24C87



E848A5



4CB2AA



595055



990058



1A000F

Previews

White Background



This preview shows how the Hex color B24C87 looks on a white background.

Color Contrast Check

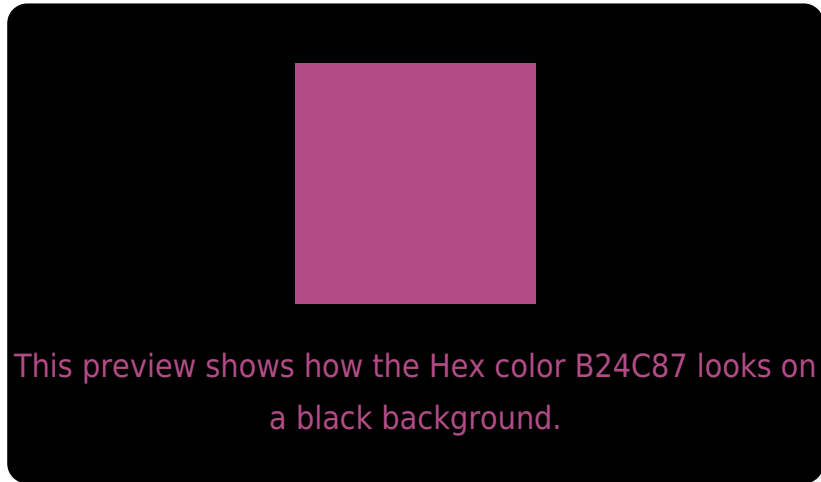
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24C87 Background



This preview shows how black text looks on a background with the Hex color B24C87.

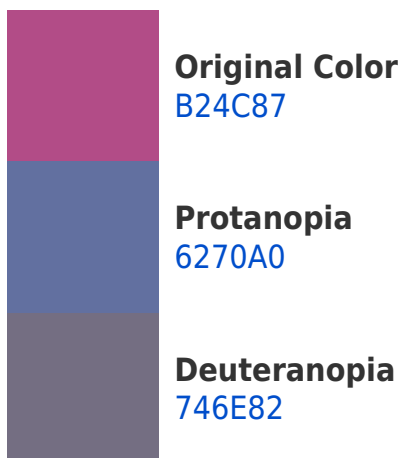


This preview shows how white text looks on a background with the Hex color B24C87.

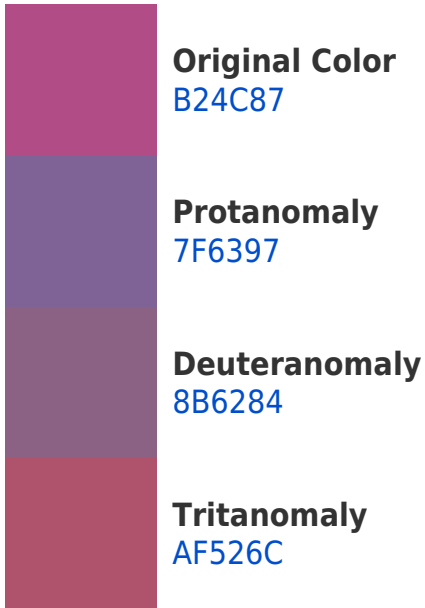
Color Blindness Simulation

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](#).

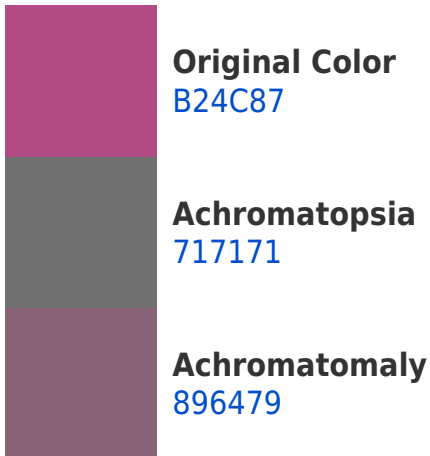
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B24C87 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 #B24C87 looks like.

```
.text, #text, p{  
    color:#B24C87  
}
```

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 #B24C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24C87
}
```

Border

The CSS property to change the border of an element to Hex B24C87 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
#B24C87 }
```

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

```
.border{ border-color:#B24C87 }
```

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

Here you see how a box with a 4 pixel #B24C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24C87; -webkit-box-shadow:4px 4px  
4px 4px #B24C87; box-shadow:4px 4px 4px  
4px #B24C87 }
```

Background

The CSS property to change the background color of an element to Hex B24C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24C87 }
```

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

```
.background{ background-color:#B24C87 }
```

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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