

Converting Colors

Hex(B6245B)

Have a look what the booklet for
Hex(B6245B) contains.

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Color

Hex(B6245B)

Conversions

Conversions Part 1

Format	Color
Hex	B6245B
RGB	182, 36, 91
RGB Percent	71%, 14%, 36%
CMY	0.2863, 0.8588, 0.6431
CMYK	0.00, 0.80, 0.50, 0.29
HSL	337°, 67%, 43%
HSV	337°, 80%, 71%
XYZ	21.8106, 11.9622, 11.0569
YIQ	85.9240, 69.3610, 48.0570

Conversions

Conversions Part 2

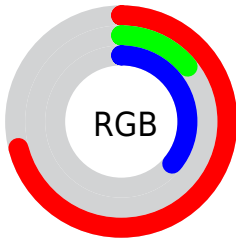
Format	Color
R_{YB}	182, 36, 91
Decimal	11936859
CIE Lab	41.16, 59.75, 5.24
CIE LCh	41, 59.979, 5.008
Yxy	11.9622, 0.4865, 0.2668
Android (android.graphics.Color)	4290126939 (0xFFB6245B)
YUV	85.9240, 2.5025, 84.2587
Hunter-Lab	34.5864, 52.0383, 5.2560

Details

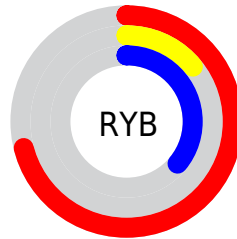
The Hex color **B6245B** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24B67F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F3618D**, and **7B002E** is the 20% darker color. If you saturate the color by 10%, you get **B61250**, and if you desaturate by 10%, it is **B63666**.

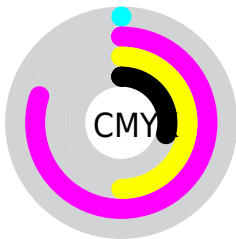
Distribution



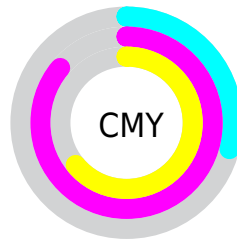
- Red (71%)
- Green (14%)
- Blue (36%)



- Red (71%)
- Yellow (14%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6245B 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 B6245B by changing the saturation by 10% instead.

 B6245B

 B6245B

FFFFFF

 980044

 F3618D

 7B002E

 FF7DA7

 5E001A

 FF99C2

 430002

 FFB6DE


 230001

 FFD3FB

 000000

 FFF0FF

 B6245B

 B6245B

 B61250

 B63666

 B60045

 B64872

 B65B7D

 B66D88

 B67F94

 B6919F

 B6A3AA

 B6B6B6

 B6C8C1

Harmonies

Analogous

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



A1348C



B6245B



B0352B

Triad

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



B6245B



3A6E00



0071BB

Complementary

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



B6245B



24B67F

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.



007699



B6245B



007435

Square

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



B6245B



6F6200



007768



0065C4

Rectangle

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



B6245B



A04608



007768



0073B2

Sweetspot

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



B6245B



EDB4CA



7E24B6



785562



F7F7F7



787878

Same Dimension

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



B6245B



ED095F



B63524



5C5356



9C003B



1C000B

Inverse Universe

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



B6245B



ED095F



24A5B6



5C5356



9C003B



1C000B

Previews

White Background



This preview shows how the Hex color B6245B looks on a white background.

Color Contrast Check

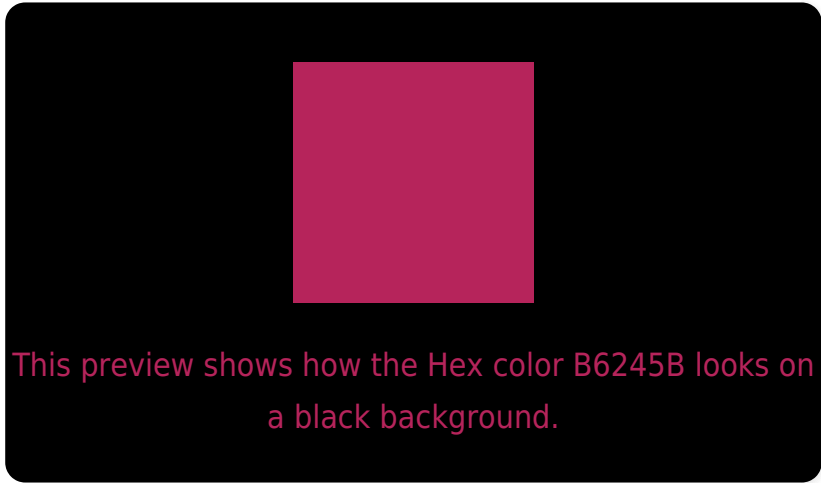
Large Text (above 18pt) WCAG AA ✓ Pass

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 B6245B Background



This preview shows how black text looks on a background with the Hex color B6245B.

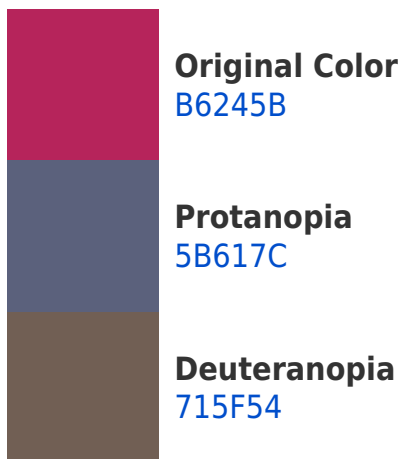



This preview shows how white text looks on a background with the Hex color B6245B.

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
B43031

Trichromacy



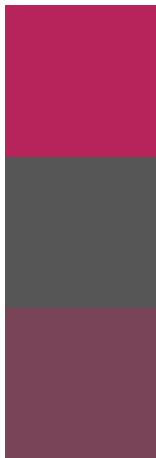
Original Color
B6245B

Protanomaly
7C4B70

Deuteranomaly
8A4A57

Tritanomaly
B52C40

Monochromacy



Original Color
B6245B

Achromatopsia
565656

Achromatomaly
794458

CSS Examples

Text

The CSS property to change the color of the text to Hex B6245B 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 #B6245B looks like.

```
.text, #text, p{  
    color:#B6245B  
}
```

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 #B6245B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6245B
}
```

Border

The CSS property to change the border of an element to Hex B6245B 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
#B6245B }
```

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

```
.border{ border-color:#B6245B }
```

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

Here you see how a box with a 4 pixel #B6245B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6245B; -webkit-box-shadow:4px 4px  
4px 4px #B6245B; box-shadow:4px 4px 4px  
4px #B6245B }
```

Background

The CSS property to change the background color of an element to Hex B6245B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6245B }
```

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

```
.background{ background-color:#B6245B }
```

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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