

Converting Colors

Hex(B3456E)

Have a look what the booklet for
Hex(B3456E) contains.

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Color

Hex(B3456E)

Conversions

Conversions Part 1

Format	Color
Hex	B3456E
RGB	179, 69, 110
RGB Percent	70%, 27%, 43%
CMY	0.2980, 0.7294, 0.5686
CMYK	0.00, 0.61, 0.39, 0.30
HSL	338°, 44%, 49%
HSV	338°, 61%, 70%
XYZ	23.5330, 14.9657, 16.4002
YIQ	106.5640, 52.3990, 36.0710

Conversions

Conversions Part 2

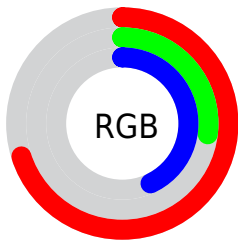
Format	Color
R_{YB}	179, 69, 110
Decimal	11748718
CIE _{Lab}	45.59, 48.50, -0.23
CIE _{LCh}	46, 48.505, 359.731
Yxy	14.9657, 0.4287, 0.2726
Android (android.graphics.Color)	4289938798 (0xFFB3456E)
YUV	106.5640, 1.6939, 63.5264
Hunter-Lab	38.6856, 40.8844, 1.9448

Details

The Hex color **B3456E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **45B38A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EE7AA1**, and **7A053F** is the 20% darker color. If you saturate the color by 10%, you get **B33363**, and if you desaturate by 10%, it is **B35779**.

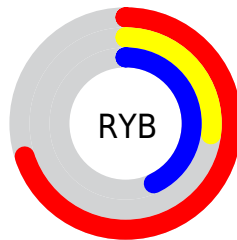
Distribution



Red (70%)

Green (27%)

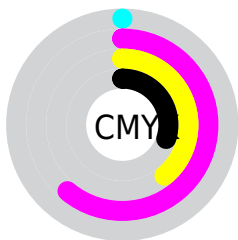
Blue (43%)



Red (70%)

Yellow (27%)

Blue (43%)

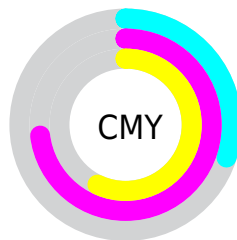


Cyan (0%)

Magenta (61%)

Yellow (39%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3456E 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 B3456E by changing the saturation by 10% instead.

 B3456E

 B3456E

FFFFFF

 962956

 EE7AA1

 7A053F

 FF96BC

 5E0029

 FFB2D8

 430014

 FFCEFF

 2A0001

 FFE8FF

 000000

 B3456E

 B3456E

 B33363

 B35779

 B32158

 B36984

 B30F4C

 B37B90

 B30043

 B38D9B

 B39EA6

 B3B0B1

 B3C2BD

 B3D4C8

 B3E6D3

Harmonies

Analogous

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



9C5095



B3456E



B34B46

Triad

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



B3456E



59751E



007AB2

Complementary

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



B3456E



45B38A

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.



007F93



B3456E



167C41

Square

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



B3456E



816A10



007F6A



0071BD

Rectangle

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



B3456E



A8552F



007F6A



007CA9

Sweetspot

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



B3456E



E8BECE



8945B3



755B65



F5F5F5



757575

Same Dimension

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



B3456E



E83C7C



B35245



595054



990039



1A000A

Inverse Universe

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



B3456E



E83C7C



45A6B3



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color B3456E looks on a white background.

Color Contrast Check

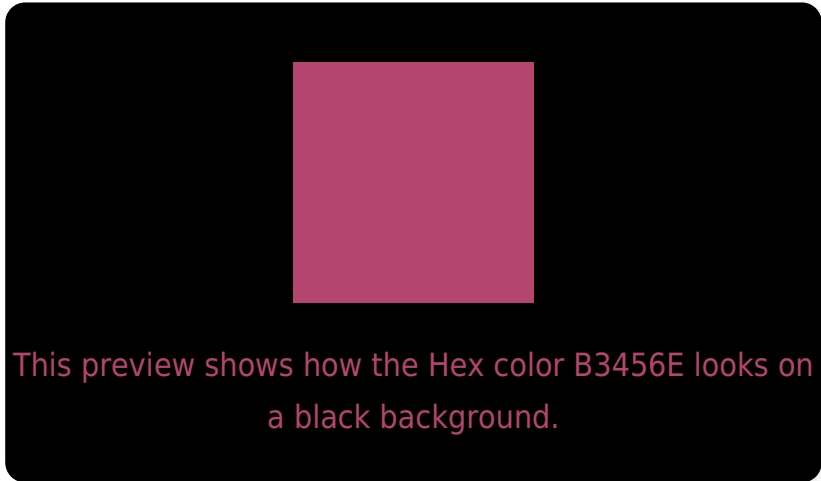
Large Text (above 18pt) WCAG AA ✓ Pass

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 B3456E Background



This preview shows how black text looks on a background with the Hex color B3456E.

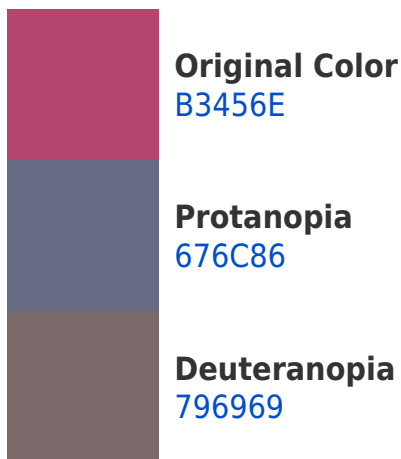



This preview shows how white text looks on a background with the Hex color B3456E.

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
B14B50

Trichromacy



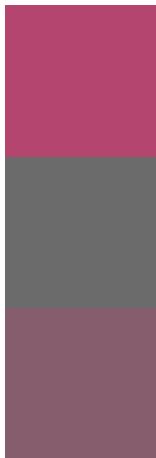
Original Color
B3456E

Protanomaly
835E7D

Deuteranomaly
8E5C6B

Tritanomaly
B2495B

Monochromacy



Original Color
B3456E

Achromatopsia
6B6B6B

Achromatomaly
855D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex B3456E 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 #B3456E looks like.

```
.text, #text, p{  
  color:#B3456E  
}
```

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 #B3456E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3456E
}
```

Border

The CSS property to change the border of an element to Hex B3456E is called "border". The border property can be set on classes, ids or directly on the HTML element.

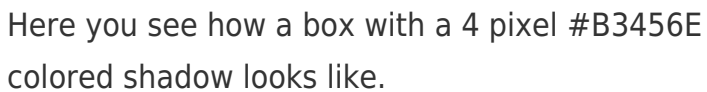
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3456E }
```

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

```
.border{ border-color:#B3456E }
```

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



Here you see how a box with a 4 pixel #B3456E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3456E; -webkit-box-shadow:4px 4px  
4px 4px #B3456E; box-shadow:4px 4px 4px  
4px #B3456E }
```

Background

The CSS property to change the background color of an element to Hex B3456E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3456E }
```

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

```
.background{ background-color:#B3456E }
```

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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