

Converting Colors

Hex(B0253E)

Have a look what the booklet for
Hex(B0253E) contains.

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Color

Hex(B0253E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B0253E |
| RGB | 176, 37, 62 |
| RGB Percent | 69%, 15%, 24% |
| CMY | 0.3098, 0.8549, 0.7569 |
| CMYK | 0.00, 0.79, 0.65, 0.31 |
| HSL | 349°, 65%, 42% |
| HSV | 349°, 79%, 69% |
| XYZ | 19.4356, 10.9010, 5.6372 |
| YIQ | 81.4110, 74.8190, 37.2430 |

Conversions

Conversions Part 2

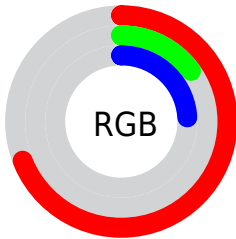
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 176, 37, 62 |
| Decimal | 11543870 |
| CIE Lab | 39.41, 55.72, 21.00 |
| CIE LCh | 39, 59.546, 20.650 |
| Yxy | 10.9010, 0.5403, 0.3030 |
| Android (android.graphics.Color) | 4289733950 (0xFFB0253E) |
| YUV | 81.4110, -9.5696, 82.9546 |
| Hunter-Lab | 33.0167, 47.2962, 12.9887 |

Details

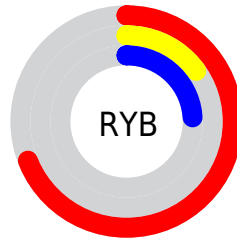
The Hex color **B0253E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25B097**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **ED606D**, and **740014** is the 20% darker color. If you saturate the color by 10%, you get **B01330**, and if you desaturate by 10%, it is **B0374C**.

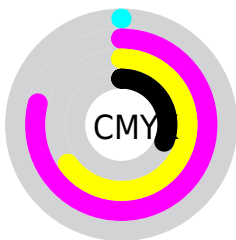
Distribution



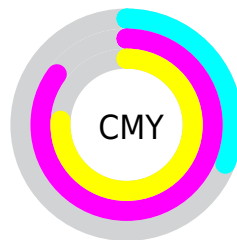
- Red (69%)
- Green (15%)
- Blue (24%)



- Red (69%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (85%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0253E 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 B0253E by changing the saturation by 10% instead.

 B0253E

 B0253E

FFFFFF

 920028

 ED606D

 740014

 FF7B87

 570000

 FF97A1

 3C0003

 FFB3BC

 160000

 FFD0D7

 000000

 FFEDF4

 B0253E

 B0253E

 B01330

 B0374C

 B00221

 B0485B

 B00020

 B05A69

 B06B78

 B07D86

 B08F95

 B0A0A3

 B0B2B1

 B0C3C0

Harmonies

Analogous

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



AA236E



B0253E



9F3F0D

Triad

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



B0253E



006D17



0067BD

Complementary

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



B0253E



25B097

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.



0070A8



B0253E



00714B

Square

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



B0253E



516400



00727E



3057B9

Rectangle

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



B0253E



8A4F00



00727E



006BB9

Sweetspot

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



B0253E



E6AEB8



9725B0



735157



F2F2F2



737373

Same Dimension

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



B0253E



E60B33



B05125



595052



99001C



1A0005

Inverse Universe

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



B0253E



E60B33



2584B0



595052



99001C



1A0005

Previews

White Background



This preview shows how the Hex color B0253E looks on a white background.

Color Contrast Check

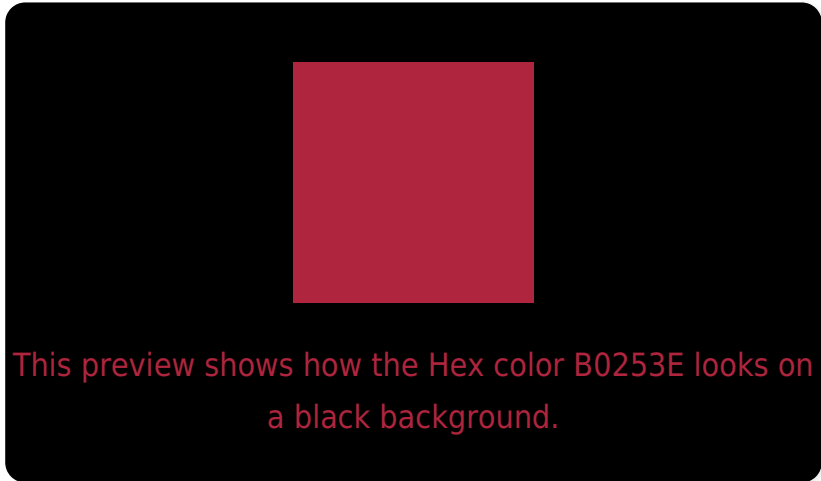
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0253E Background



This preview shows how black text looks on a background with the Hex color B0253E.

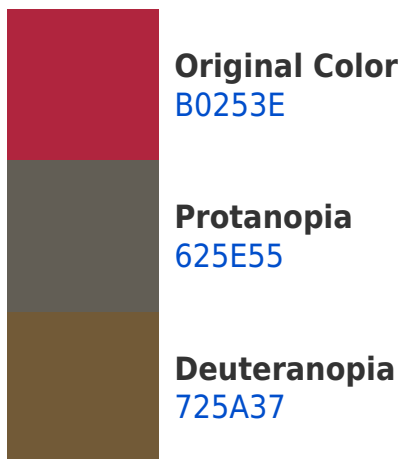


This preview shows how white text looks on a background with the Hex color B0253E.

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
AF292A

Trichromacy



Original Color
B0253E

Protanomaly
7E494D

Deuteranomaly
89473A

Tritanomaly
AF2831

Monochromacy



Original Color
B0253E

Achromatopsia
515151

Achromatomaly
74414A

CSS Examples

Text

The CSS property to change the color of the text to Hex B0253E 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 #B0253E looks like.

```
.text, #text, p{  
    color:#B0253E  
}
```

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 #B0253E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0253E
}
```

Border

The CSS property to change the border of an element to Hex B0253E is called "border". The border property can be set on classes, ids or directly on the HTML element.

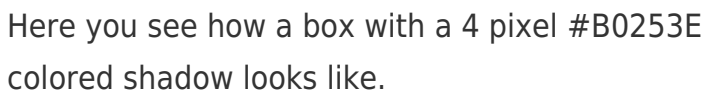
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0253E }
```

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

```
.border{ border-color:#B0253E }
```

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



Here you see how a box with a 4 pixel `#B0253E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0253E; -webkit-box-shadow:4px 4px  
4px 4px #B0253E; box-shadow:4px 4px 4px  
4px #B0253E }
```

Background

The CSS property to change the background color of an element to Hex B0253E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0253E }
```

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

```
.background{ background-color:#B0253E }
```

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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