

Converting Colors

Hex(B23E65)

Have a look what the booklet for
Hex(B23E65) contains.

Hex(B23E65)	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(B23E65)

Conversions

Conversions Part 1

Format	Color
Hex	B23E65
RGB	178, 62, 101
RGB Percent	70%, 24%, 40%
CMY	0.3020, 0.7569, 0.6039
CMYK	0.00, 0.65, 0.43, 0.30
HSL	340°, 48%, 47%
HSV	340°, 65%, 70%
XYZ	22.4317, 13.8498, 13.8029
YIQ	101.1300, 56.6170, 36.7210

Conversions

Conversions Part 2

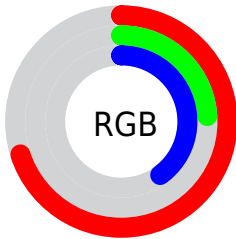
Format	Color
R_{YB}	178, 62, 101
Decimal	11681381
CIE Lab	44.02, 50.30, 3.01
CIE LCh	44, 50.387, 3.422
Yxy	13.8498, 0.4479, 0.2765
Android (android.graphics.Color)	4289871461 (0xFFB23E65)
YUV	101.1300, -0.0641, 67.4150
Hunter-Lab	37.2153, 42.4647, 4.0605

Details

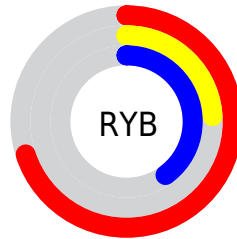
The Hex color **B23E65** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3EB28B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **ED7498**, and **790037** is the 20% darker color. If you saturate the color by 10%, you get **B22C59**, and if you desaturate by 10%, it is **B25071**.

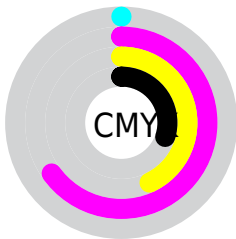
Distribution



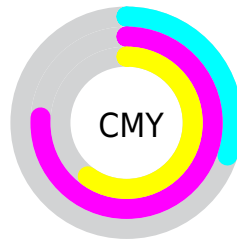
- Red (70%)
- Green (24%)
- Blue (40%)



- Red (70%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (65%)
- Yellow (43%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color B23E65 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 B23E65 by changing the saturation by 10% instead.

 B23E65

 B23E65

FFFFFF

 95214D

 ED7498

 790037

 FF8FB2

 5D0021

 FFABCE

 42000A

 FFC7EA

 260001

 FFE4FF

 000000

 B23E65

 B23E65

 B22C59

 B25071

 B21A4D

 B2627D

 B20942

 B27388

 B2003C

 B28594

 B297A0

 B2A9AC

 B2BBB8

 B2CCC4

 B2DECF

Harmonies

Analogous

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



9E488E



B23E65



AF463C

Triad

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



B23E65



4D731A



0076B3

Complementary

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



B23E65



3EB28B

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.



007B95



B23E65



007941

Square

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



B23E65



786802



007C6C



006BBC

Rectangle

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



B23E65



A25224



007C6C



0078AB

Sweetspot

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



B23E65



E8BAC9



893EB2



755963



F5F5F5



757575

Same Dimension

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



B23E65



E83370



B24F3E



595053



990033



1A0009

Inverse Universe

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



B23E65



E83370



3EA1B2



595053



990033



1A0009

Previews

White Background



This preview shows how the Hex color B23E65 looks on a white background.

Color Contrast Check

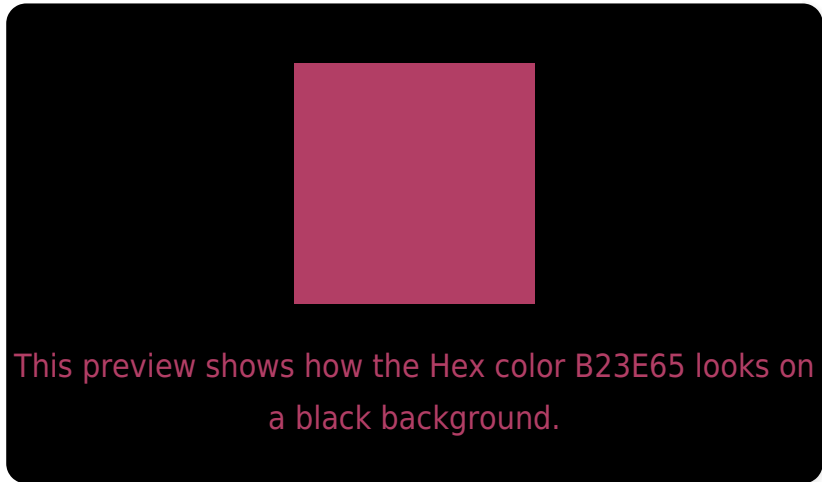
Large Text (above 18pt) WCAG AA ✓ Pass

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

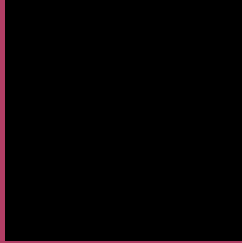
Any Text WCAG AA × Fail

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 B23E65 Background



This preview shows how black text looks on a background with the Hex color B23E65.

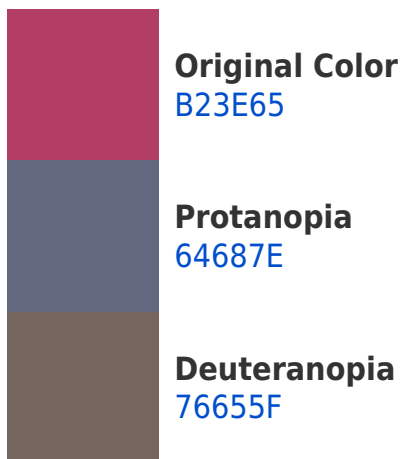



This preview shows how white text looks on a background with the Hex color B23E65.

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
B04448

Trichromacy



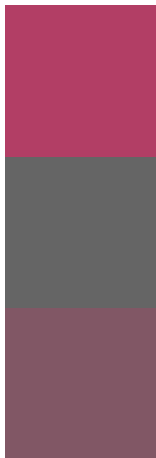
Original Color
B23E65

Protanomaly
805975

Deuteranomaly
8C5761

Tritanomaly
B14253

Monochromacy



Original Color
B23E65

Achromatopsia
656565

Achromatomaly
815765

CSS Examples

Text

The CSS property to change the color of the text to Hex B23E65 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 #B23E65 looks like.

```
.text, #text, p{  
    color:#B23E65  
}
```

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 #B23E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B23E65
}
```

Border

The CSS property to change the border of an element to Hex B23E65 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
#B23E65 }
```

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

```
.border{ border-color:#B23E65 }
```

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

Here you see how a box with a 4 pixel #B23E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B23E65; -webkit-box-shadow:4px 4px  
4px 4px #B23E65; box-shadow:4px 4px 4px  
4px #B23E65 }
```

Background

The CSS property to change the background color of an element to Hex B23E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B23E65 }
```

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

```
.background{ background-color:#B23E65 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor