

Converting Colors

Hex(23623B)

Have a look what the booklet for
Hex(23623B) contains.

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Color

Hex(23623B)

Conversions

Conversions Part 1

Format	Color
Hex	23623B
RGB	35, 98, 59
RGB Percent	14%, 38%, 23%
CMY	0.8627, 0.6157, 0.7686
CMYK	0.64, 0.00, 0.40, 0.62
HSL	143°, 47%, 26%
HSV	143°, 64%, 38%
XYZ	5.8502, 9.4085, 5.6453
YIQ	74.7170, -25.0290, -25.4850

Conversions

Conversions Part 2

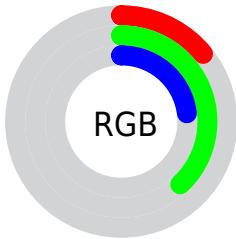
Format	Color
RYB	35, 81, 98
Decimal	2318907
CIELab	36.76, -29.99, 16.39
CIElCh	37, 34.179, 151.351
Yxy	9.4085, 0.2799, 0.4501
Android (android.graphics.Color)	4280508987 (0xFF23623B)
YUV	74.7170, -7.7485, -34.8318
Hunter-Lab	30.6732, -19.6332, 10.5590

Details

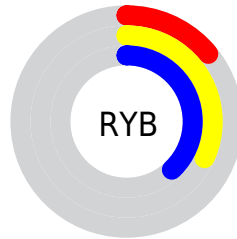
The Hex color **23623B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **62234A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **57956B**, and **003210** is the 20% darker color. If you saturate the color by 10%, you get **196235**, and if you desaturate by 10%, it is **2D6241**.

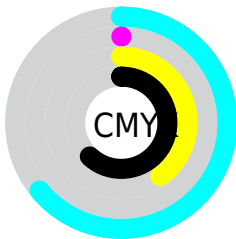
Distribution



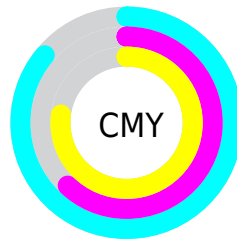
- Red (14%)
- Green (38%)
- Blue (23%)



- Red (14%)
- Yellow (32%)
- Blue (38%)



- Cyan (64%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (86%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23623B 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 23623B by changing the saturation by 10% instead.



23623B



23623B

FFFFFF



034A25



57956B



003210



71B084



001F00



8BCC9E



000000



A7E8B9



C2FFD5



DFFFF1



FCFFFF



23623B



23623B

■ 196235

■ 2D6241

■ 0F622F

■ 376247

■ 066229

■ 40624D

■ 006225

■ 4A6253

■ 546259

■ 5E625F

■ 686265

■ 71626C

■ 7B6272

Harmonies

Analogous

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



495D25



23623B



006457

Triad

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



23623B



21598D



88423B

Complementary

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



23623B



62234A

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.



883E56



23623B



594F86

Square

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



23623B



006086



794471



7B4B26

Rectangle

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



23623B



00646A



794471



894044

Sweetspot

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



23623B



678071



4B6223



314037



BFBFBF



404040

Same Dimension

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



23623B



1D8043



23625A



2C302D



00702B



00F05B

Inverse Universe

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



62234A



801D5A



62232B



302C2F



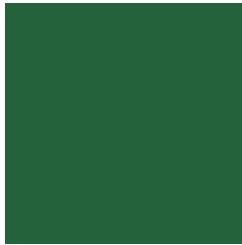
700045



F00094

Previews

White Background



This preview shows how the Hex color 23623B looks on a white background.

Color Contrast Check

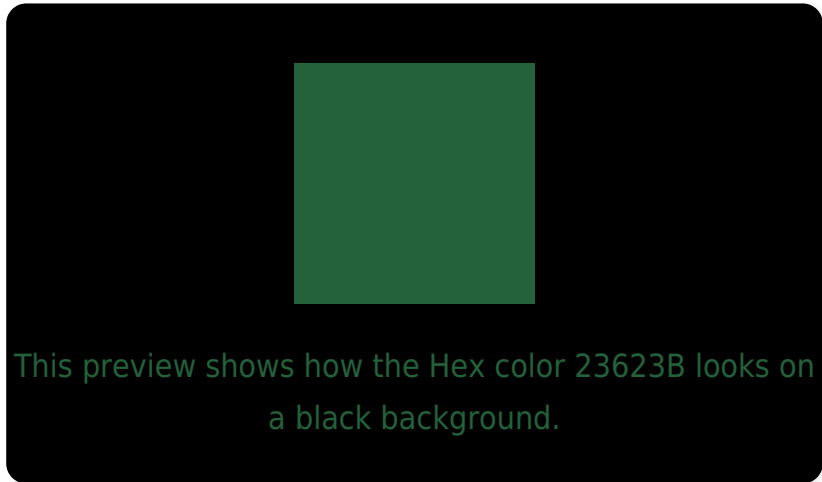
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

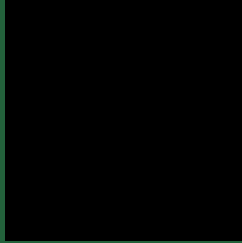
Any Text WCAG AA × Fail

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 23623B Background



This preview shows how black text looks on a background with the Hex color 23623B.



This preview shows how white text looks on a background with the Hex color 23623B.

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



Original Color
23623B

Protanopia
5E5636

Deuteranopia
66533F



Tritanopia
305D65

Trichromacy



Original Color
23623B

Protanomaly
495A38

Deuteranomaly
4E583E

Tritanomaly
2B5F56

Monochromacy



Original Color
23623B

Achromatopsia
4B4B4B

Achromatomaly
3C5345

CSS Examples

Text

The CSS property to change the color of the text to Hex 23623B 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 #23623B looks like.

```
.text, #text, p{  
    color:#23623B  
}
```

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 #23623B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23623B
}
```

Border

The CSS property to change the border of an element to Hex 23623B 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
#23623B }
```

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

```
.border{ border-color:#23623B }
```

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

Here you see how a box with a 4 pixel #23623B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23623B; -webkit-box-shadow:4px 4px  
4px 4px #23623B; box-shadow:4px 4px 4px  
4px #23623B }
```

Background

The CSS property to change the background color of an element to Hex 23623B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23623B }
```

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

```
.background{ background-color:#23623B }
```

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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