

Converting Colors

Hex(23802E)

Have a look what the booklet for
Hex(23802E) contains.

Hex(23802E)	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(23802E)

Conversions

Conversions Part 1

Format	Color
Hex	23802E
RGB	35, 128, 46
RGB Percent	14%, 50%, 18%
CMY	0.8627, 0.4980, 0.8196
CMYK	0.73, 0.00, 0.64, 0.50
HSL	127°, 57%, 32%
HSV	127°, 73%, 50%
XYZ	8.9054, 15.9929, 5.2023
YIQ	90.8450, -29.1060, -45.2180

Conversions

Conversions Part 2

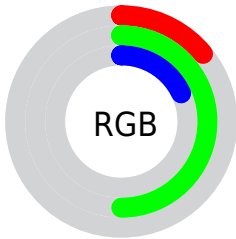
Format	Color
R_{YB}	35, 118, 128
Decimal	2326574
CIE Lab	46.97, -44.31, 35.99
CIE LCh	47, 57.080, 140.915
Yxy	15.9929, 0.2959, 0.5313
Android (android.graphics.Color)	4280516654 (0xFF23802E)
YUV	90.8450, -22.1086, -48.9761
Hunter-Lab	39.9912, -30.2352, 20.2809

Details

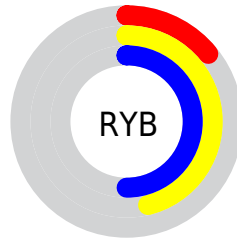
The Hex color **23802E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **802375**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5EB65F**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **168023**, and if you desaturate by 10%, it is **308039**.

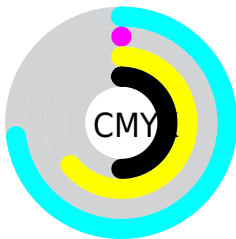
Distribution



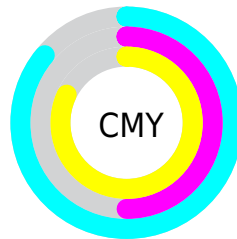
- Red (14%)
- Green (50%)
- Blue (18%)



- Red (14%)
- Yellow (46%)
- Blue (50%)



- Cyan (73%)
- Magenta (0%)
- Yellow (64%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23802E 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 23802E by changing the saturation by 10% instead.



23802E



23802E

FFFFFF



006615



5EB65F



004D00



7AD279



003500



96EE93



002000



B2FFAE



000000



CFFFC4



ECFFE6



23802E



23802E



168023



308039

■ 098017

■ 3D8045

■ 00800F

■ 498050

■ 56805B

■ 638066

■ 708072

■ 7D807D

■ 898088

■ 968094

Harmonies

Analogous

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



667700



23802E



00845F

Triad

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



23802E



0079CE



C44050

Complementary

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



23802E



802375

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.



BD3F80



23802E



4F69CA

Square

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



23802E



0082B9



9A52AC



B35324

Rectangle

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



23802E



008580



9A52AC



C53D60

Sweetspot

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



23802E



81A686



758023



3E5441



D4D4D4



545454

Same Dimension

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



23802E



16A627



23805C



39403A



00800F



000000

Inverse Universe

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



802375



A61695



802347



40393F



800070



000000

Previews

White Background



This preview shows how the Hex color 23802E looks on a white background.

Color Contrast Check

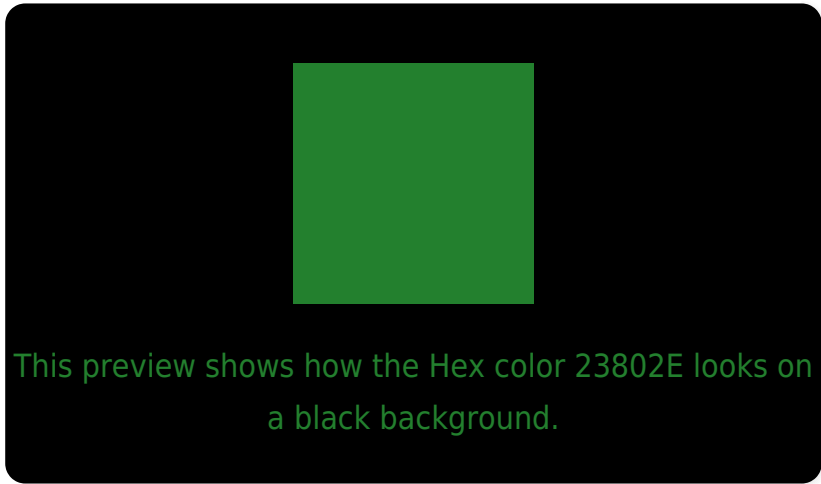
Large Text (above 18pt) WCAG AA ✓ Pass

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

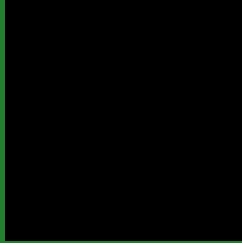
Any Text WCAG AA × Fail

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 23802E Background



This preview shows how black text looks on a background with the Hex color 23802E.



This preview shows how white text looks on a background with the Hex color 23802E.

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
3D7882

Trichromacy



Original Color
23802E

Protanomaly
5C752B

Deuteranomaly
647132

Tritanomaly
347B63

Monochromacy



Original Color
23802E

Achromatopsia
5B5B5B

Achromatomaly
47684B

CSS Examples

Text

The CSS property to change the color of the text to Hex 23802E 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 #23802E looks like.

```
.text, #text, p{  
    color:#23802E  
}
```

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 #23802E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23802E
}
```

Border

The CSS property to change the border of an element to Hex 23802E 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
#23802E }
```

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

```
.border{ border-color:#23802E }
```

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

Here you see how a box with a 4 pixel #23802E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23802E; -webkit-box-shadow:4px 4px  
4px 4px #23802E; box-shadow:4px 4px 4px  
4px #23802E }
```

Background

The CSS property to change the background color of an element to Hex 23802E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23802E }
```

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

```
.background{ background-color:#23802E }
```

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