

Converting Colors

Hex(39682B)

Have a look what the booklet for
Hex(39682B) contains.

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Color

Hex(39682B)

Conversions

Conversions Part 1

Format	Color
Hex	39682B
RGB	57, 104, 43
RGB Percent	22%, 41%, 17%
CMY	0.7765, 0.5922, 0.8314
CMYK	0.45, 0.00, 0.59, 0.59
HSL	106°, 41%, 29%
HSV	106°, 59%, 41%
XYZ	7.0737, 10.9449, 4.0253
YIQ	82.9930, -8.4310, -28.9350

Conversions

Conversions Part 2

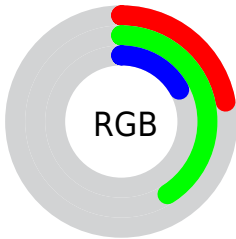
Format	Color
RYB	43, 104, 90
Decimal	3762219
CIELab	39.49, -28.85, 29.04
CIELCh	39, 40.939, 134.814
Yxy	10.9449, 0.3209, 0.4965
Android (android.graphics.Color)	4281952299 (0xFF39682B)
YUV	82.9930, -19.7165, -22.7959
Hunter-Lab	33.0831, -19.7292, 15.9443

Details

The Hex color **39682B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2B68**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6C9C5B**, and **053800** is the 20% darker color. If you saturate the color by 10%, you get **316821**, and if you desaturate by 10%, it is **416835**.

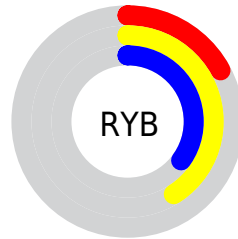
Distribution



Red (22%)

Green (41%)

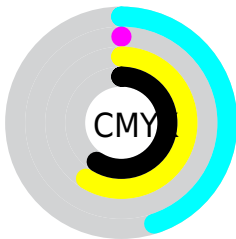
Blue (17%)



Red (17%)

Yellow (41%)

Blue (35%)

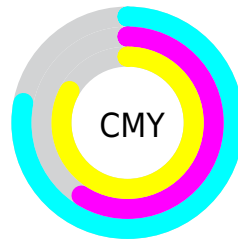


Cyan (45%)

Magenta (0%)

Yellow (59%)

Black (59%)



Cyan (78%)

Magenta (59%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39682B 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 39682B by changing the saturation by 10% instead.



39682B



39682B

FFFFFF



205014



6C9C5B



053800



86B774



002300



A1D28E



000000



BCEFA8



D8FFC4



F5FFE0



FFFFFFD



39682B



39682B

■ 316821

■ 416835

■ 296816

■ 496840

■ 21680C

■ 51684A

■ 196801

■ 596855

■ 186800

■ 61685F

■ 696869

■ 716874

■ 79687E

■ 816889

Harmonies

Analogous

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



5F6016



39682B



006C4A

Triad

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



39682B



00659D



9A3F4E

Complementary

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



39682B



5A2B68

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.



91416F



39682B



3D5B9E

Square

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



39682B



006B8B



744D8D



92482F

Rectangle

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



39682B



006D62



744D8D



993E59

Sweetspot

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



39682B



74876F



685A2B



394536



C4C4C4



454545

Same Dimension

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



39682B



3E8729



2B683B



2F332E



1A7300



38F200

Inverse Universe

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



5A2B68



712987



682B58



322E33



580073



BB00F2

Previews

White Background



This preview shows how the Hex color 39682B looks on a white background.

Color Contrast Check

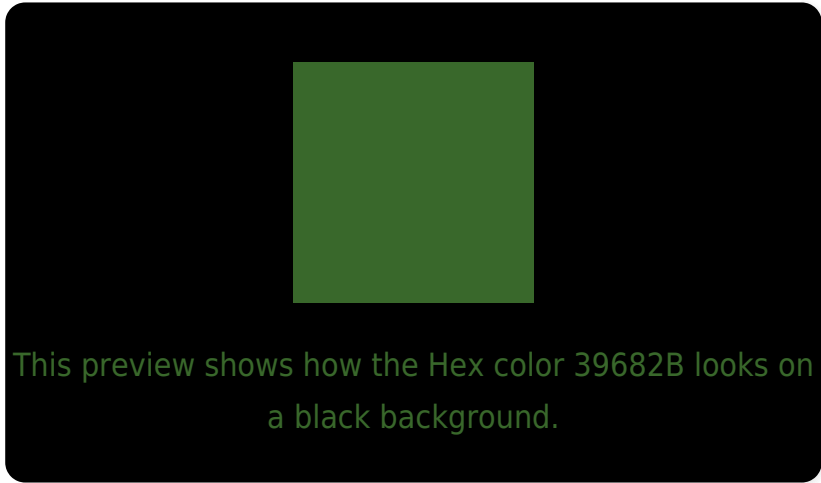
Large Text (above 18pt) WCAG AA ✓ Pass

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

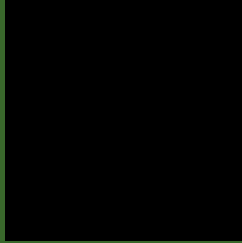
Any Text WCAG AA × Fail

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 39682B Background



This preview shows how black text looks on a background with the Hex color 39682B.



This preview shows how white text looks on a background with the Hex color 39682B.

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
39682B

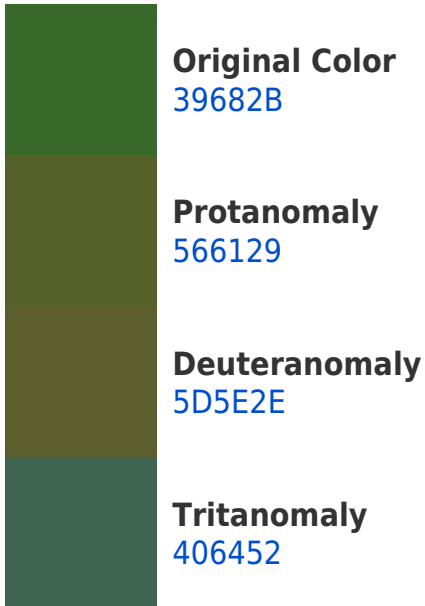
Protanopia
675D28

Deuteranopia
72582F

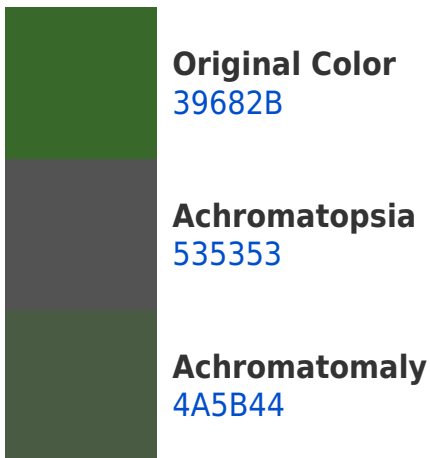


Tritanopia
446269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39682B 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 #39682B looks like.

```
.text, #text, p{  
    color:#39682B  
}
```

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 #39682B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39682B
}
```

Border

The CSS property to change the border of an element to Hex 39682B 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".

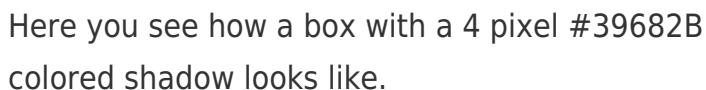
```
.border, #border, table{ border:4px solid
#39682B }
```

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

```
.border{ border-color:#39682B }
```

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

Here you see how a box with a 4 pixel #39682B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39682B; -webkit-box-shadow:4px 4px  
4px 4px #39682B; box-shadow:4px 4px 4px  
4px #39682B }
```

Background

The CSS property to change the background color of an element to Hex 39682B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39682B }
```

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

```
.background{ background-color:#39682B }
```

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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