

Converting Colors

Hex(39782A)

Have a look what the booklet for
Hex(39782A) contains.

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Color

Hex(39782A)

Conversions

Conversions Part 1

Format	Color
Hex	39782A
RGB	57, 120, 42
RGB Percent	22%, 47%, 16%
CMY	0.7765, 0.5294, 0.8353
CMYK	0.53, 0.00, 0.65, 0.53
HSL	108°, 48%, 32%
HSV	108°, 65%, 47%
XYZ	8.8217, 14.4700, 4.5185
YIQ	92.2710, -12.5100, -37.6140

Conversions

Conversions Part 2

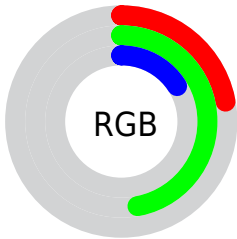
Format	Color
RYB	42, 120, 105
Decimal	3766314
CIELab	44.90, -36.12, 35.76
CIELCh	45, 50.822, 135.287
Yxy	14.4700, 0.3172, 0.5203
Android (android.graphics.Color)	4281956394 (0xFF39782A)
YUV	92.2710, -24.7836, -30.9327
Hunter-Lab	38.0394, -25.1730, 19.5848

Details

The Hex color **39782A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **692A78**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6EAD5B**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **2F781E**, and if you desaturate by 10%, it is **437836**.

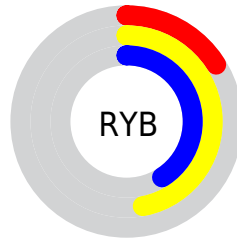
Distribution



Red (22%)

Green (47%)

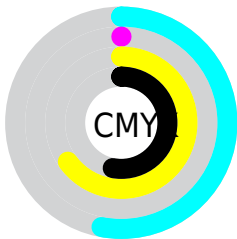
Blue (16%)



Red (16%)

Yellow (47%)

Blue (41%)

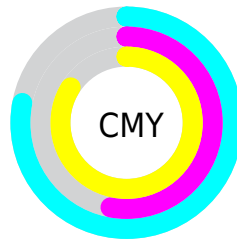


Cyan (53%)

Magenta (0%)

Yellow (65%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39782A 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 39782A by changing the saturation by 10% instead.



39782A



39782A

FFFFFF



1D5F11



6EAD5B



004700



89C974



002F00



A4E58E



001A00



C0FFA9



000000



DFFFC5



FAFFE1

FFFFFFE



39782A



39782A

■ 2F781E

■ 437836

■ 267812

■ 4C7842

■ 1C7806

■ 56784E

■ 177800

■ 60785A

■ 697866

■ 737872

■ 7D787E

■ 87788A

■ 907896

Harmonies

Analogous

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



6B6F07



39782A



007D53

Triad

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



39782A



0075BC



B64156

Complementary

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



39782A



692A78

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.



AC4481



39782A



3D68BC

Square

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



39782A



007CA6



8855A6



AB4F2F

Rectangle

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



39782A



007E71



8855A6



B64064

Sweetspot

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



39782A



829C7C



78682A



404F3C



CFCFCF



4F4F4F

Same Dimension

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



39782A



3A9C22



2A7841



383D37



187D00



31FC00

Inverse Universe

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



692A78



84229C



782A61



3C373D



65007D



CC00FC

Previews

White Background



This preview shows how the Hex color 39782A looks on a white background.

Color Contrast Check

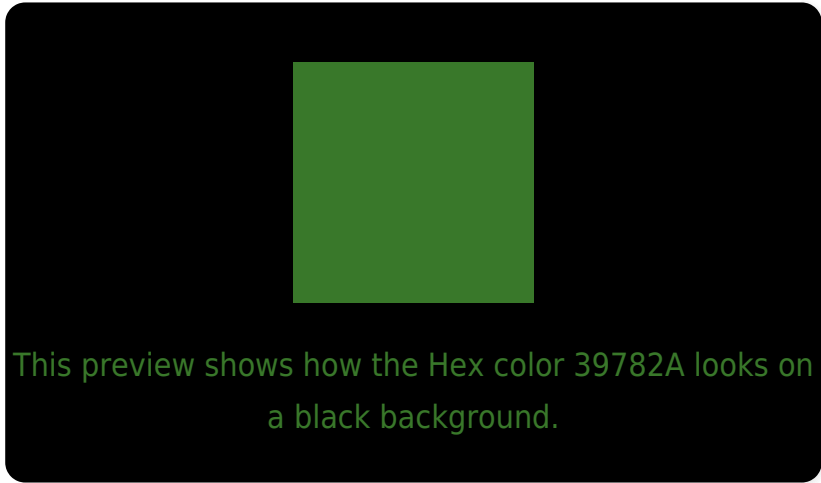
Large Text (above 18pt) WCAG AA ✓ Pass

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

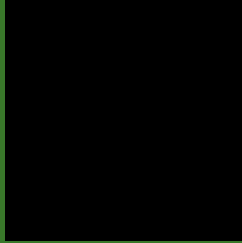
Any Text WCAG AA × Fail

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 39782A Background



This preview shows how black text looks on a background with the Hex color 39782A.



This preview shows how white text looks on a background with the Hex color 39782A.

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
39782A

Protanopia
766A26

Deuteranopia
836530

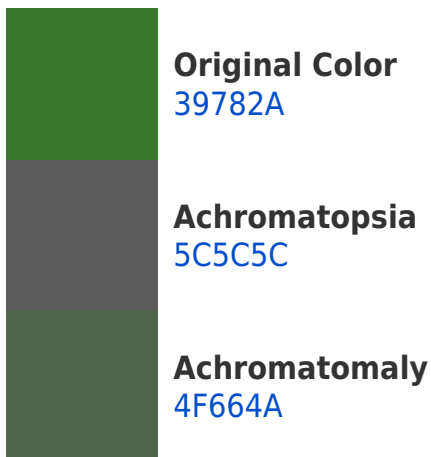


Tritanopia
497079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39782A 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 #39782A looks like.

```
.text, #text, p{  
    color:#39782A  
}
```

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 #39782A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39782A
}
```

Border

The CSS property to change the border of an element to Hex 39782A 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
#39782A }
```

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

```
.border{ border-color:#39782A }
```

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

Here you see how a box with a 4 pixel #39782A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39782A; -webkit-box-shadow:4px 4px  
4px 4px #39782A; box-shadow:4px 4px 4px  
4px #39782A }
```

Background

The CSS property to change the background color of an element to Hex 39782A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39782A }
```

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

```
.background{ background-color:#39782A }
```

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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