

Converting Colors

Hex(18772E)

Have a look what the booklet for
Hex(18772E) contains.

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Color

Hex(18772E)

Conversions

Conversions Part 1

Format	Color
Hex	18772E
RGB	24, 119, 46
RGB Percent	9%, 47%, 18%
CMY	0.9059, 0.5333, 0.8196
CMYK	0.80, 0.00, 0.61, 0.53
HSL	134°, 66%, 28%
HSV	134°, 80%, 47%
XYZ	7.4667, 13.5851, 4.8134
YIQ	82.2730, -33.1870, -42.8430

Conversions

Conversions Part 2

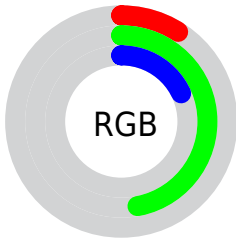
Format	Color
R_{YB}	24, 101, 119
Decimal	1603374
CIE _{Lab}	43.63, -42.89, 32.10
CIE _{LCh}	44, 53.572, 143.194
Yxy	13.5851, 0.2887, 0.5252
Android (android.graphics.Color)	4279793454 (0xFF18772E)
YUV	82.2730, -17.8826, -51.1054
Hunter-Lab	36.8580, -28.3411, 18.0577

Details

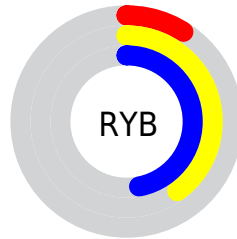
The Hex color **18772E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **771861**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **55AC5E**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **0C7725**, and if you desaturate by 10%, it is **247737**.

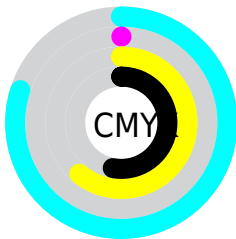
Distribution



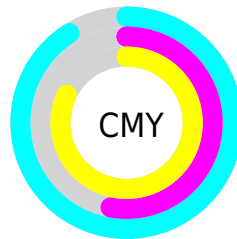
- Red (9%)
- Green (47%)
- Blue (18%)



- Red (9%)
- Yellow (40%)
- Blue (47%)



- Cyan (80%)
- Magenta (0%)
- Yellow (61%)
- Black (53%)



- Cyan (91%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18772E 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 18772E by changing the saturation by 10% instead.

 18772E

 18772E

FFFFFF

 005E16

 55AC5E

 004500

 71C878

 002E00

 8DE492

 001500

 A9FFAD

 000000

 C5FFC9

 E2FFE5

 18772E

 18772E

 0C7725

 247737

■ 00771C

■ 307740

■ 3C7749

■ 487753

■ 53775C

■ 5F7765

■ 6B776E

■ 777777

■ 837780

Harmonies

Analogous

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



5B6F00



18772E



007B5B

Triad

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



18772E



006FC0



B53D47

Complementary

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



18772E



771861

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.



B13A73



18772E



5160B9

Square

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



18772E



0078AE



924B9D



A44F1F

Rectangle

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



18772E



007C7A



924B9D



B63955

Sweetspot

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



18772E



769C7F



627718



384F3D



CFCFCF



4F4F4F

Same Dimension

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



18772E



069C29



18775C



353B36



007A1C



00FA3A

Inverse Universe

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



771861



9C0679



771833



3B3539



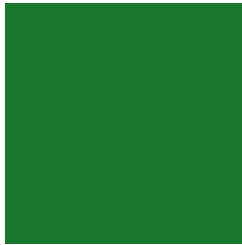
7A005E



FA00C0

Previews

White Background



This preview shows how the Hex color 18772E looks on a white background.

Color Contrast Check

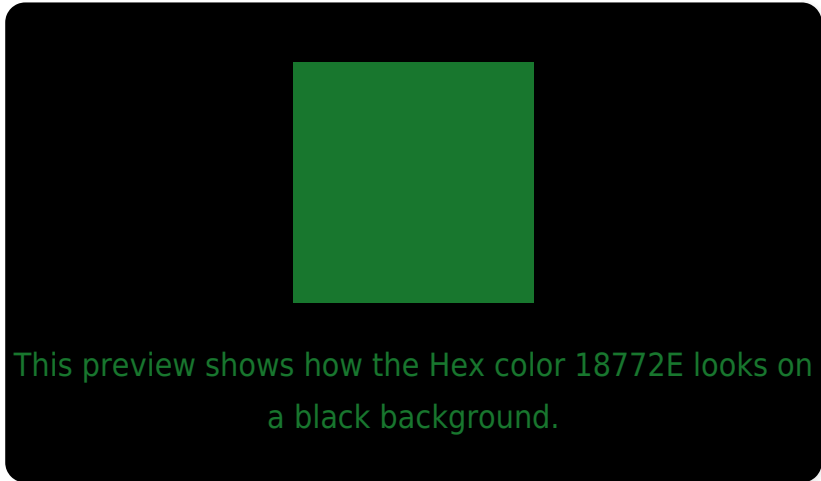
Large Text (above 18pt) WCAG AA ✓ Pass

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 18772E Background



This preview shows how black text looks on a background with the Hex color 18772E.



This preview shows how white text looks on a background with the Hex color 18772E.

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
18772E

Protanopia
726729

Deuteranopia
7E6234



Tritanopia
347079

Trichromacy



Original Color
18772E



Protanomaly
516D2B



Deuteranomaly
596A32



Tritanomaly
2A735E

Monochromacy



Original Color
18772E



Achromatopsia
525252



Achromatomaly
3D5F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 18772E 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 #18772E looks like.

```
.text, #text, p{  
    color:#18772E  
}
```

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 #18772E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18772E
}
```

Border

The CSS property to change the border of an element to Hex 18772E 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
#18772E }
```

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

```
.border{ border-color:#18772E }
```

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

Here you see how a box with a 4 pixel #18772E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18772E; -webkit-box-shadow:4px 4px  
4px 4px #18772E; box-shadow:4px 4px 4px  
4px #18772E }
```

Background

The CSS property to change the background color of an element to Hex 18772E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18772E }
```

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

```
.background{ background-color:#18772E }
```

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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