

Converting Colors

Hex(18822D)

Have a look what the booklet for
Hex(18822D) contains.

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Color

Hex(18822D)

Conversions

Conversions Part 1

Format	Color
Hex	18822D
RGB	24, 130, 45
RGB Percent	9%, 51%, 18%
CMY	0.9059, 0.4902, 0.8235
CMYK	0.82, 0.00, 0.65, 0.49
HSL	132°, 69%, 30%
HSV	132°, 82%, 51%
XYZ	8.8330, 16.3489, 5.1727
YIQ	88.6160, -35.8910, -48.9070

Conversions

Conversions Part 2

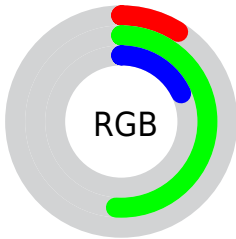
Format	Color
RYB	24, 112, 130
Decimal	1606189
CIELab	47.43, -46.92, 36.93
CIELCh	47, 59.709, 141.800
Yxy	16.3489, 0.2910, 0.5386
Android (android.graphics.Color)	4279796269 (0xFF18822D)
YUV	88.6160, -21.5027, -56.6682
Hunter-Lab	40.4338, -31.7649, 20.7186

Details

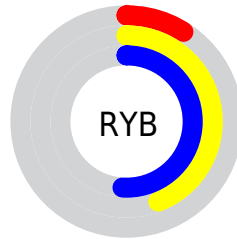
The Hex color **18822D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82186D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **58B85E**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **0B8223**, and if you desaturate by 10%, it is **258237**.

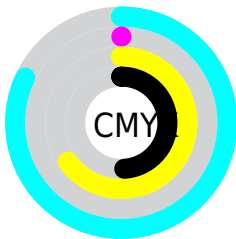
Distribution



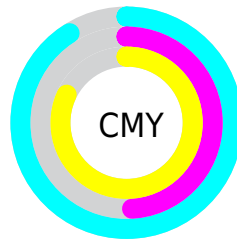
- Red (9%)
- Green (51%)
- Blue (18%)



- Red (9%)
- Yellow (44%)
- Blue (51%)



- Cyan (82%)
- Magenta (0%)
- Yellow (65%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18822D 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 18822D by changing the saturation by 10% instead.

 18822D

 18822D

FFFFFF

 006814

 58B85E

 004F00

 75D478

 003700

 91F192

 002100

 ADFFAD

 000000

 CAFFC9

 E7FFE6

 18822D

 18822D

 0B8223

 258237

00821A

328242

3F824C

4C8257

598261

66826C

738276

808280

8D828B

Harmonies

Analogous

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



647900



18822D



008661

Triad

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



18822D



007BD5



C83E4E

Complementary

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



18822D



82186D

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.



C33C81



18822D



5069CF

Square

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



18822D



0084BF



9F51AF



B65420

Rectangle

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



18822D



008784



9F51AF



C93A5F

Sweetspot

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



18822D



80A888



6F8218



3C5441



D4D4D4



545454

Same Dimension

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



18822D



03A824



188260



39403B



008019



000000

Inverse Universe

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



82186D



A80388



82183A



40393E



800066



000000

Previews

White Background



This preview shows how the Hex color 18822D looks on a white background.

Color Contrast Check

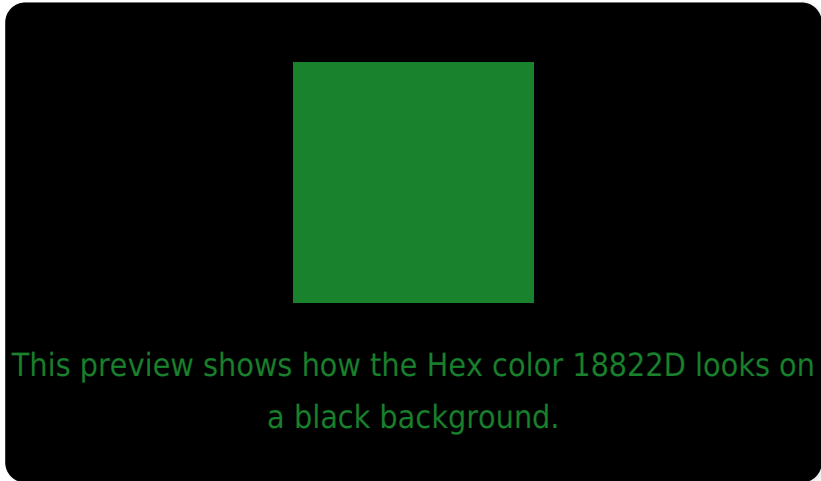
Large Text (above 18pt) WCAG AA ✓ Pass

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 18822D Background



This preview shows how black text looks on a background with the Hex color 18822D.



This preview shows how white text looks on a background with the Hex color 18822D.

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
18822D

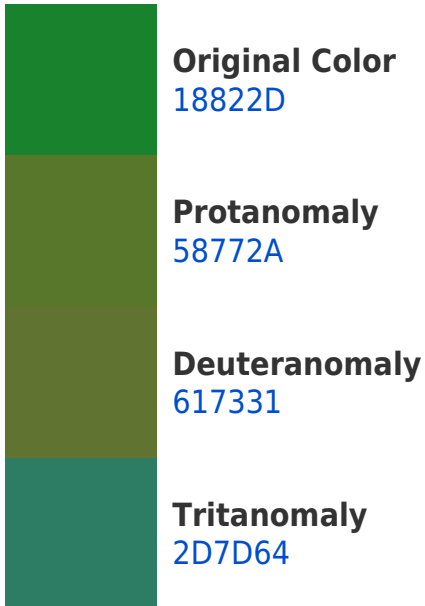
Protanopia
7D7028

Deuteranopia
8A6A34



Tritanopia
397A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 18822D 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 #18822D looks like.

```
.text, #text, p{  
    color:#18822D  
}
```

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 #18822D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18822D
}
```

Border

The CSS property to change the border of an element to Hex 18822D 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
#18822D }
```

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

```
.border{ border-color:#18822D }
```

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

Here you see how a box with a 4 pixel #18822D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18822D; -webkit-box-shadow:4px 4px  
4px 4px #18822D; box-shadow:4px 4px 4px  
4px #18822D }
```

Background

The CSS property to change the background color of an element to Hex 18822D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18822D }
```

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

```
.background{ background-color:#18822D }
```

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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