

Converting Colors

Hex(197823)

Have a look what the booklet for
Hex(197823) contains.

Hex(197823)	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(197823)

Conversions

Conversions Part 1

Format	Color
Hex	197823
RGB	25, 120, 35
RGB Percent	10%, 47%, 14%
CMY	0.9020, 0.5294, 0.8627
CMYK	0.79, 0.00, 0.71, 0.53
HSL	126°, 66%, 28%
HSV	126°, 79%, 47%
XYZ	7.4207, 13.7610, 3.8551
YIQ	81.9050, -29.3350, -46.5750

Conversions

Conversions Part 2

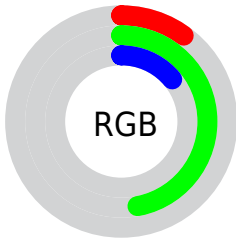
Format	Color
RYB	25, 111, 120
Decimal	1669155
CIELab	43.89, -44.44, 37.58
CIELCh	44, 58.199, 139.778
Yxy	13.7610, 0.2964, 0.5496
Android (android.graphics.Color)	4279859235 (0xFF197823)
YUV	81.9050, -23.1242, -49.9057
Hunter-Lab	37.0958, -29.2099, 19.8054

Details

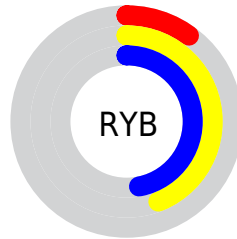
The Hex color **197823** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **78196E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **57AD54**, and **004600** is the 20% darker color. If you saturate the color by 10%, you get **0D7818**, and if you desaturate by 10%, it is **25782E**.

Distribution



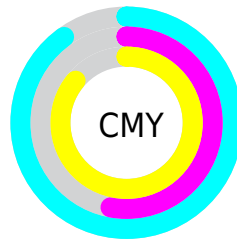
- Red (10%)
- Green (47%)
- Blue (14%)



- Red (10%)
- Yellow (44%)
- Blue (47%)



- Cyan (79%)
- Magenta (0%)
- Yellow (71%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 197823 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 197823 by changing the saturation by 10% instead.

 197823

 197823

FFFFFF

 005F07

 57AD54

 004600

 72C96E

 002F00

 8EE688

 001600

 AAFFA3

 000000

 C7FFBE

 E4FFDA

 FFFFF7

 197823

 197823

■ 0D7818

■ 25782E

■ 01780E

■ 317838

■ 00780D

■ 3D7843

■ 49784E

■ 557859

■ 617863

■ 6D786E

■ 797879

■ 857884

Harmonies

Analogous

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



5F6F00



197823



007C55

Triad

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



197823



0072C7



BC354A

Complementary

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



197823



78196E

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.



B5357A



197823



3F62C3

Square

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



197823



007BB1



914BA7



AC4A1D

Rectangle

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



197823



007D77



914BA7



BD325A

Sweetspot

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



197823



769C7A



6E7819



384F3B



CFCFCF



4F4F4F

Same Dimension

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



197823



089C17



197852



373D38



007D0D



00FC1B

Inverse Universe

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



78196E



9C088C



78193F



3D373D



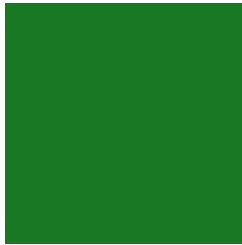
7D0070



FC00E2

Previews

White Background



This preview shows how the Hex color 197823 looks on a white background.

Color Contrast Check

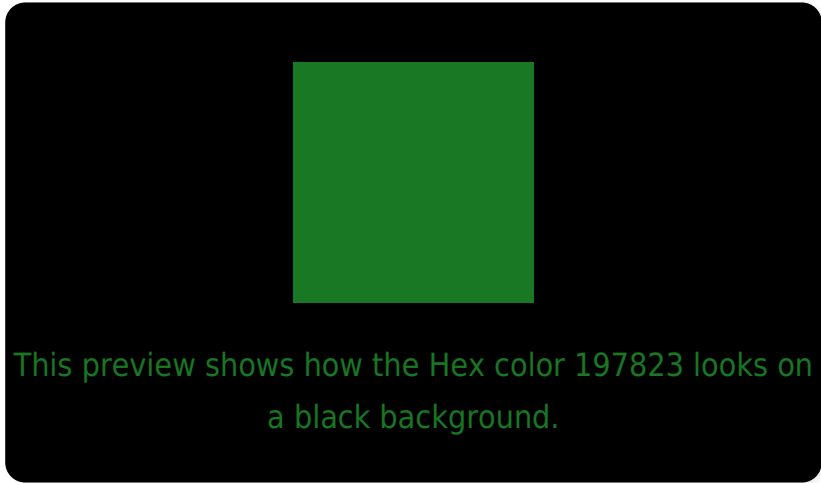
Large Text (above 18pt) WCAG AA ✓ Pass

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

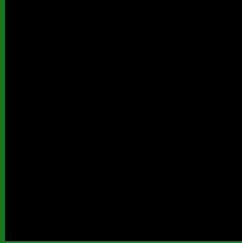
Any Text WCAG AA × Fail

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 197823 Background



This preview shows how black text looks on a background with the Hex color 197823.



This preview shows how white text looks on a background with the Hex color 197823.

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
197823

Protanopia
74671F

Deuteranopia
80622B



Tritanopia
367079

Trichromacy



Original Color
197823



Protanomaly
536D20



Deuteranomaly
5B6A28



Tritanomaly
2B735A

Monochromacy



Original Color
197823



Achromatopsia
525252



Achromatomaly
3D6041

CSS Examples

Text

The CSS property to change the color of the text to Hex 197823 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 #197823 looks like.

```
.text, #text, p{  
    color:#197823  
}
```

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 #197823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #197823
}
```

Border

The CSS property to change the border of an element to Hex 197823 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
#197823 }
```

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

```
.border{ border-color:#197823 }
```

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

Here you see how a box with a 4 pixel #197823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #197823; -webkit-box-shadow:4px 4px  
4px 4px #197823; box-shadow:4px 4px 4px  
4px #197823 }
```

Background

The CSS property to change the background color of an element to Hex 197823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#197823 }
```

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

```
.background{ background-color:#197823 }
```

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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