

Converting Colors

Hex(19681E)

Have a look what the booklet for
Hex(19681E) contains.

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Color

Hex(19681E)

Conversions

Conversions Part 1

Format	Color
Hex	19681E
RGB	25, 104, 30
RGB Percent	10%, 41%, 12%
CMY	0.9020, 0.5922, 0.8824
CMYK	0.76, 0.00, 0.71, 0.59
HSL	124°, 61%, 25%
HSV	124°, 76%, 41%
XYZ	5.5856, 10.2010, 2.9029
YIQ	71.9430, -23.3300, -39.7620

Conversions

Conversions Part 2

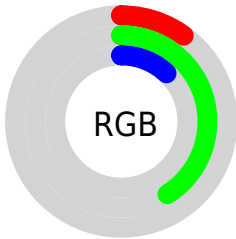
Format	Color
RYB	25, 99, 104
Decimal	1665054
CIELab	38.20, -39.23, 33.70
CIElCh	38, 51.720, 139.336
Yxy	10.2010, 0.2989, 0.5458
Android (android.graphics.Color)	4279855134 (0xFF19681E)
YUV	71.9430, -20.6779, -41.1690
Hunter-Lab	31.9391, -24.6770, 16.9685

Details

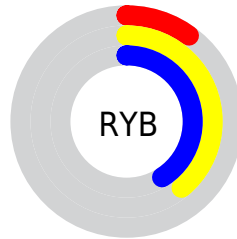
The Hex color **19681E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **681963**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **529C4E**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **0F6814**, and if you desaturate by 10%, it is **236828**.

Distribution



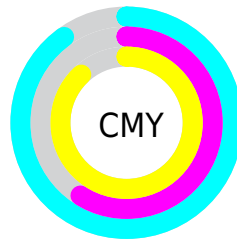
- Red (10%)
- Green (41%)
- Blue (12%)



- Red (10%)
- Yellow (39%)
- Blue (41%)



- Cyan (76%)
- Magenta (0%)
- Yellow (71%)
- Black (59%)



- Cyan (90%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19681E 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 19681E by changing the saturation by 10% instead.

 19681E

 19681E

FFFFFF

 004F04

 529C4E

 003700

 6DB767

 002300

 88D381

 000000

 A4F09B

 C0FFB6

 DDFFD2

 FAFFEF

 19681E

 19681E

■ 0F6814

■ 236828

■ 04680B

■ 2E6831

■ 006807

■ 38683B

■ 436845

■ 4D684F

■ 576858

■ 626862

■ 6C686C

■ 776876

Harmonies

Analogous

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



536000



19681E



006C49

Triad

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



19681E



0063AD



A32F41

Complementary

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



19681E



681963

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.



9D2F6B



19681E



3655AA

Square

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



19681E



006B99



7D4191



96401A

Rectangle

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



19681E



006D66



7D4191



A42C4F

Sweetspot

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



19681E



68876A



646819



324533



C4C4C4



454545

Same Dimension

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



19681E



0C8714



196844



2E332E



007307



00F20F

Inverse Universe

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



681963



870C7F



68193D



332E33



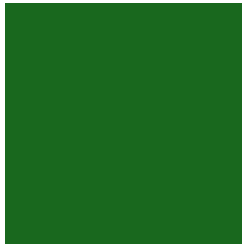
73006B



F200E3

Previews

White Background



This preview shows how the Hex color 19681E looks on a white background.

Color Contrast Check

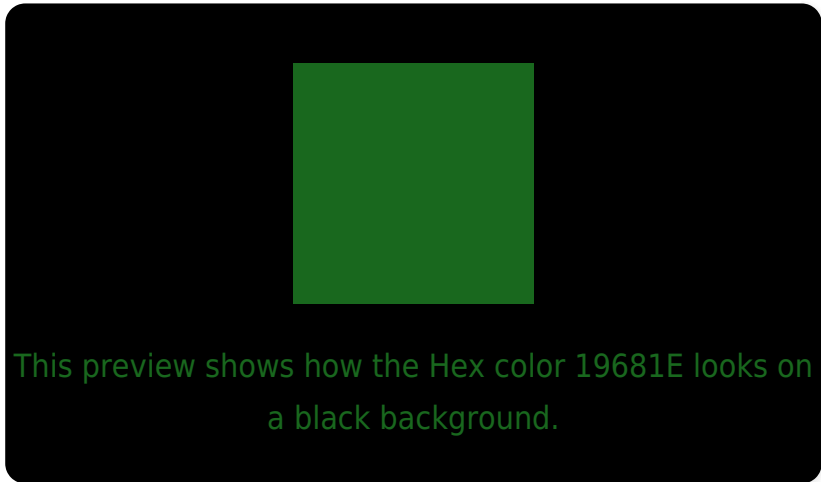
Large Text (above 18pt) WCAG AA ✓ Pass

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

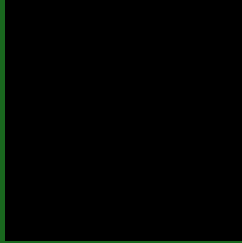
Any Text WCAG AA × Fail

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 19681E Background



This preview shows how black text looks on a background with the Hex color 19681E.



This preview shows how white text looks on a background with the Hex color 19681E.

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
19681E

Protanopia
645A1A

Deuteranopia
6F5525



Tritanopia
306169

Trichromacy



Original Color
19681E

Protanomaly
495F1B

Deuteranomaly
505C22

Tritanomaly
28644E

Monochromacy



Original Color
19681E

Achromatopsia
484848

Achromatomaly
375439

CSS Examples

Text

The CSS property to change the color of the text to Hex 19681E 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 #19681E looks like.

```
.text, #text, p{  
    color:#19681E  
}
```

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 #19681E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19681E
}
```

Border

The CSS property to change the border of an element to Hex 19681E 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
#19681E }
```

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

```
.border{ border-color:#19681E }
```

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

Here you see how a box with a 4 pixel #19681E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19681E; -webkit-box-shadow:4px 4px  
4px 4px #19681E; box-shadow:4px 4px 4px  
4px #19681E }
```

Background

The CSS property to change the background color of an element to Hex 19681E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19681E }
```

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

```
.background{ background-color:#19681E }
```

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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