

Converting Colors

Hex(15681C)

Have a look what the booklet for
Hex(15681C) contains.

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Color

Hex(15681C)

Conversions

Conversions Part 1

Format	Color
Hex	15681C
RGB	21, 104, 28
RGB Percent	8%, 41%, 11%
CMY	0.9176, 0.5922, 0.8902
CMYK	0.80, 0.00, 0.73, 0.59
HSL	125°, 66%, 25%
HSV	125°, 80%, 41%
XYZ	5.4692, 10.1439, 2.7683
YIQ	70.5190, -25.0720, -41.2320

Conversions

Conversions Part 2

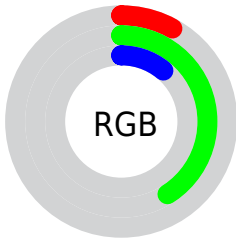
Format	Color
RYB	21, 98, 104
Decimal	1402908
CIELab	38.10, -40.15, 34.47
CIELCh	38, 52.917, 139.360
Yxy	10.1439, 0.2975, 0.5519
Android (android.graphics.Color)	4279592988 (0xFF15681C)
YUV	70.5190, -20.9619, -43.4282
Hunter-Lab	31.8495, -25.0847, 17.1412

Details

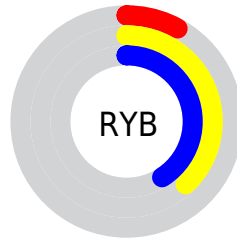
The Hex color **15681C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **681561**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **509C4C**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **0B6812**, and if you desaturate by 10%, it is **1F6826**.

Distribution



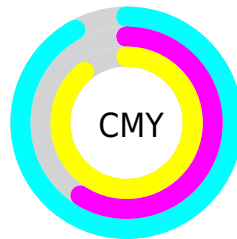
- Red (8%)
- Green (41%)
- Blue (11%)



- Red (8%)
- Yellow (38%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15681C 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 15681C by changing the saturation by 10% instead.

■ 15681C

■ 15681C

FFFFFF

■ 004F02

■ 509C4C

■ 003700

■ 6BB765

■ 002300

■ 87D37F

■ 000000

■ A2F099

■ BEFFB5

■ DBFFD0

■ F8FFED

■ 15681C

■ 15681C

■ 0B6812

■ 1F6826

■ 006809

■ 2A682F

■ 346839

■ 3F6842

■ 49684C

■ 536855

■ 5E685F

■ 686868

■ 736872

Harmonies

Analogous

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



536000



15681C



006C48

Triad

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



15681C



0063AE



A42C40

Complementary

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



15681C



681561

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.



9E2C6B



15681C



3355AB

Square

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



15681C



006B9A



7D4092



963F18

Rectangle

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



15681C



006D66



7D4092



A5294E

Sweetspot

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



15681C



678769



616815



314533



C4C4C4



454545

Same Dimension

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



15681C



058710



156845



2E332E



00730A



00F214

Inverse Universe

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



681561



87057C



681538



332E33



730069



F200DE

Previews

White Background



This preview shows how the Hex color 15681C looks on a white background.

Color Contrast Check

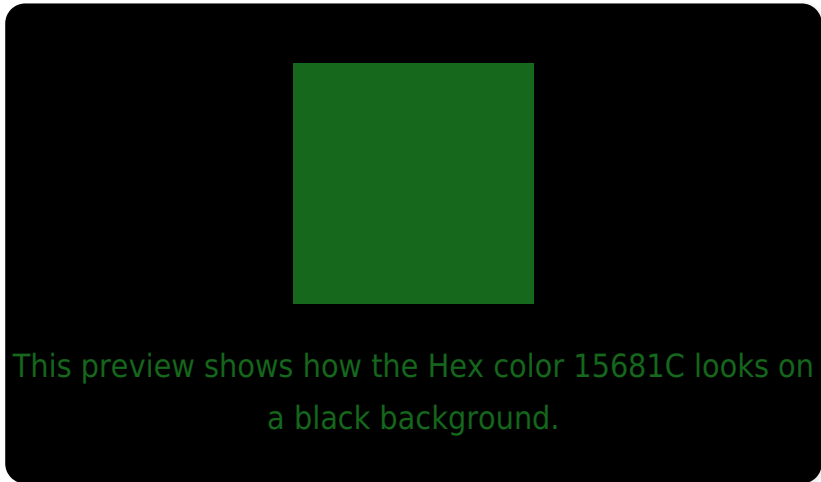
Large Text (above 18pt) WCAG AA ✓ Pass

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 15681C Background



This preview shows how black text looks on a background with the Hex color 15681C.



This preview shows how white text looks on a background with the Hex color 15681C.

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
15681C

Protanopia
645A18

Deuteranopia
6F5523



Tritanopia
2F6169

Trichromacy



Original Color
15681C

Protanomaly
475F19

Deuteranomaly
4E5C20

Tritanomaly
26644D

Monochromacy



Original Color
15681C

Achromatopsia
474747

Achromatomaly
355337

CSS Examples

Text

The CSS property to change the color of the text to Hex 15681C 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 #15681C looks like.

```
.text, #text, p{  
    color:#15681C  
}
```

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 #15681C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15681C
}
```

Border

The CSS property to change the border of an element to Hex 15681C 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".

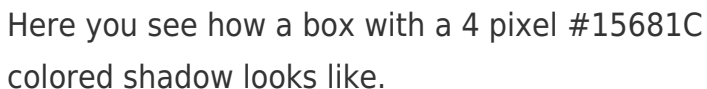
```
.border, #border, table{ border:4px solid
#15681C }
```

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

```
.border{ border-color:#15681C }
```

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

Here you see how a box with a 4 pixel #15681C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is slightly offset from the bottom and right edges of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15681C; -webkit-box-shadow:4px 4px  
4px 4px #15681C; box-shadow:4px 4px 4px  
4px #15681C }
```

Background

The CSS property to change the background color of an element to Hex 15681C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15681C }
```

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

```
.background{ background-color:#15681C }
```

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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