

Converting Colors

Hex(15733E)

Have a look what the booklet for
Hex(15733E) contains.

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Color

Hex(15733E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 15733E |
| RGB | 21, 115, 62 |
| RGB Percent | 8%, 45%, 24% |
| CMY | 0.9176, 0.5490, 0.7569 |
| CMYK | 0.82, 0.00, 0.46, 0.55 |
| HSL | 146°, 69%, 27% |
| HSV | 146°, 82%, 45% |
| XYZ | 7.3095, 12.7687, 6.6368 |
| YIQ | 80.8520, -39.0110, -36.4110 |

Conversions

Conversions Part 2

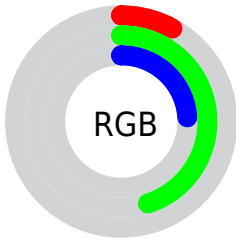
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 86, 115 |
| Decimal | 1405758 |
| CIE _{Lab} | 42.41, -39.15, 22.00 |
| CIE _{LCh} | 42, 44.910, 150.665 |
| Yxy | 12.7687, 0.2736, 0.4780 |
| Android (android.graphics.Color) | 4279595838 (0xFF15733E) |
| YUV | 80.8520, -9.2940, -52.4902 |
| Hunter-Lab | 35.7333, -26.0199, 14.0013 |

Details

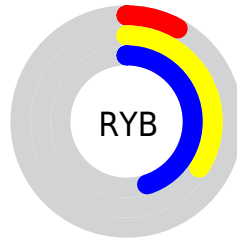
The Hex color **15733E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **73154A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **52A86E**, and **004212** is the 20% darker color. If you saturate the color by 10%, you get **097338**, and if you desaturate by 10%, it is **217344**.

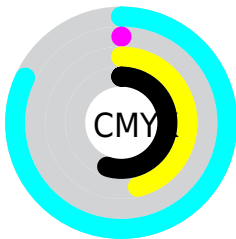
Distribution



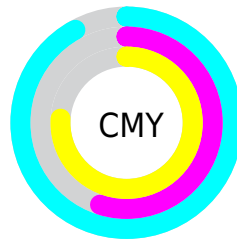
- Red (8%)
- Green (45%)
- Blue (24%)



- Red (8%)
- Yellow (34%)
- Blue (45%)



- Cyan (82%)
- Magenta (0%)
- Yellow (46%)
- Black (55%)




- Cyan (92%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15733E 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 15733E by changing the saturation by 10% instead.

 15733E

 15733E

FFFFFF

 005A27

 52A86E

 004212

 6DC388

 002B00

 89E0A2

 001000

 A5FDBE

 000000

 C1FFD9

 DEFFF6

 FBFFFF

 15733E

 15733E

■ 097338

■ 217344

■ 007332

■ 2C734B

■ 387351

■ 437358

■ 4F735E

■ 5A7365

■ 66736B

■ 717372

■ 7D7378

Harmonies

Analogous

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



516D1F



15733E



007664

Triad

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



15733E



0068AE



A54641

Complementary

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



15733E



73154A

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.



A64165



15733E



655AA4

Square

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



15733E



0071A4



914A89



935422

Rectangle

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



15733E



00767D



914A89



A7434C

Sweetspot

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



15733E



719681



4A7315



364D40



CCCCCC



4D4D4D

Same Dimension

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



15733E



039643



15736D



353B37



007A35



00FA6D

Inverse Universe

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



73154A



960356



73151B



3B3538



7A0045



FA008D

Previews

White Background



This preview shows how the Hex color 15733E looks on a white background.

Color Contrast Check

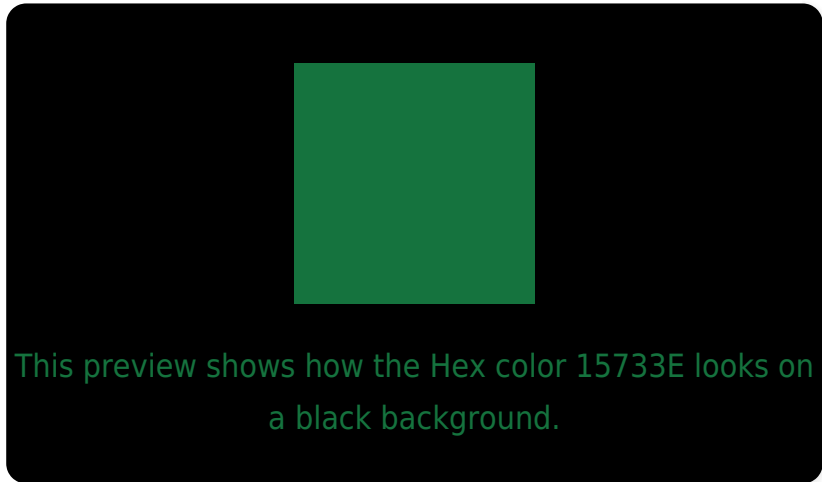
Large Text (above 18pt) WCAG AA ✓ Pass

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 15733E Background



This preview shows how black text looks on a background with the Hex color 15733E.



This preview shows how white text looks on a background with the Hex color 15733E.

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
15733E

Protanopia
6D6438

Deuteranopia
775F43



Tritanopia
2F6D76

Trichromacy



Original Color
15733E



Protanomaly
4D693A



Deuteranomaly
536641



Tritanomaly
266F62

Monochromacy



Original Color
15733E



Achromatopsia
515151



Achromatomaly
3B5D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15733E 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 #15733E looks like.

```
.text, #text, p{  
    color:#15733E  
}
```

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 #15733E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15733E
}
```

Border

The CSS property to change the border of an element to Hex 15733E 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
#15733E }
```

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

```
.border{ border-color:#15733E }
```

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

Here you see how a box with a 4 pixel #15733E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15733E; -webkit-box-shadow:4px 4px  
4px 4px #15733E; box-shadow:4px 4px 4px  
4px #15733E }
```

Background

The CSS property to change the background color of an element to Hex 15733E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15733E }
```

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

```
.background{ background-color:#15733E }
```

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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