

Converting Colors

Hex(10702E)

Have a look what the booklet for
Hex(10702E) contains.

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Color

Hex(10702E)

Conversions

Conversions Part 1

Format	Color
Hex	10702E
RGB	16, 112, 46
RGB Percent	6%, 44%, 18%
CMY	0.9373, 0.5608, 0.8196
CMYK	0.86, 0.00, 0.59, 0.56
HSL	139°, 75%, 25%
HSV	139°, 86%, 44%
XYZ	6.5010, 11.8958, 4.5382
YIQ	75.7720, -36.0300, -40.8780

Conversions

Conversions Part 2

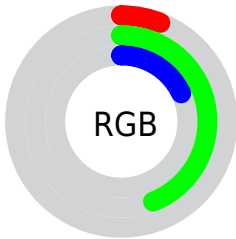
Format	Color
RYB	16, 89, 112
Decimal	1077294
CIELab	41.05, -41.43, 29.02
CIELCh	41, 50.578, 144.989
Yxy	11.8958, 0.2835, 0.5187
Android (android.graphics.Color)	4279267374 (0xFF10702E)
YUV	75.7720, -14.6776, -52.4200
Hunter-Lab	34.4902, -26.7128, 16.3418

Details

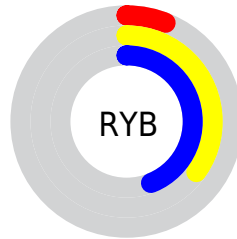
The Hex color **10702E** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **701052**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4FA55E**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **057026**, and if you desaturate by 10%, it is **1B7036**.

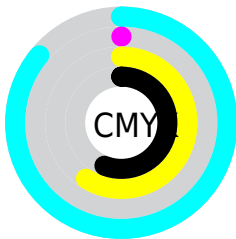
Distribution



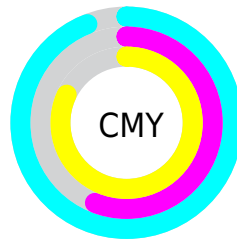
- Red (6%)
- Green (44%)
- Blue (18%)



- Red (6%)
- Yellow (35%)
- Blue (44%)



- Cyan (86%)
- Magenta (0%)
- Yellow (59%)
- Black (56%)



- Cyan (94%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10702E 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 10702E by changing the saturation by 10% instead.

 10702E

 10702E

FFFFFF

 005717

 4FA55E

 003F00

 6BC077

 002900

 86DC91

 000700

 A2F9AC

 000000

 BEFFC8

 DBFFE4

 F9FFFF

 10702E

 10702E

■ 057026

■ 1B7036

■ 007023

■ 26703D

■ 327045

■ 3D704D

■ 487055

■ 53705C

■ 5E7064

■ 6A706C

■ 757073

Harmonies

Analogous

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



536905



10702E



007358

Triad

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



10702E



0068B4



A93A40

Complementary

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



10702E



701052

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.



A7376A



10702E



5259AD

Square

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



10702E



0070A4



8C4591



994B1B

Rectangle

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



10702E



007475



8C4591



AB374E

Sweetspot

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



10702E



6C9177



537010



334A3A



C9C9C9



4A4A4A

Same Dimension

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



10702E



00912D



10705D



323834



007825



00F74D

Inverse Universe

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



701052



910064



701023



383236



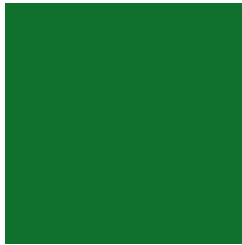
780052



F700AA

Previews

White Background



This preview shows how the Hex color 10702E looks on a white background.

Color Contrast Check

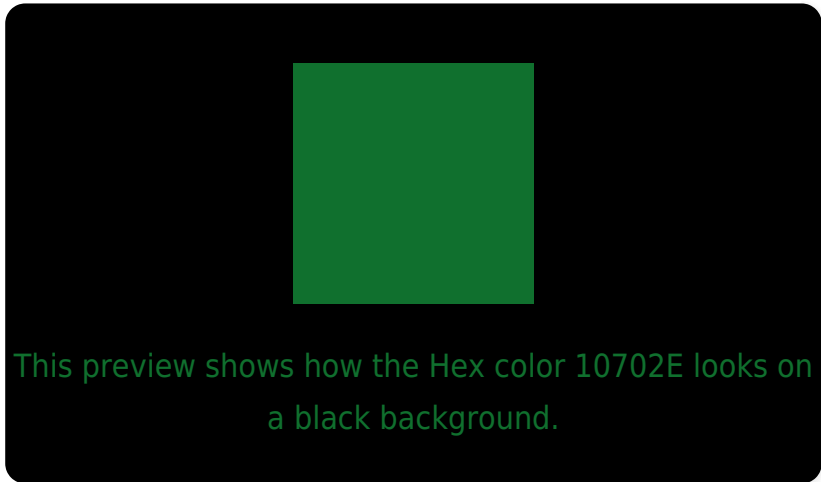
Large Text (above 18pt) WCAG AA ✓ Pass

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 10702E Background



This preview shows how black text looks on a background with the Hex color 10702E.



This preview shows how white text looks on a background with the Hex color 10702E.

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





Tritanopia
2E6972

Trichromacy



Original Color
10702E



Protanomaly
4A662B



Deuteranomaly
516332



Tritanomaly
236C59

Monochromacy



Original Color
10702E



Achromatopsia
4C4C4C



Achromatomaly
365941

CSS Examples

Text

The CSS property to change the color of the text to Hex 10702E 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 #10702E looks like.

```
.text, #text, p{  
    color:#10702E  
}
```

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 #10702E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10702E
}
```

Border

The CSS property to change the border of an element to Hex 10702E 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
#10702E }
```

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

```
.border{ border-color:#10702E }
```

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

Here you see how a box with a 4 pixel #10702E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10702E; -webkit-box-shadow:4px 4px  
4px 4px #10702E; box-shadow:4px 4px 4px  
4px #10702E }
```

Background

The CSS property to change the background color of an element to Hex 10702E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10702E }
```

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

```
.background{ background-color:#10702E }
```

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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