

Converting Colors

Hex(10731A)

Have a look what the booklet for
Hex(10731A) contains.

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Color

Hex(10731A)

Conversions

Conversions Part 1

Format	Color
Hex	10731A
RGB	16, 115, 26
RGB Percent	6%, 45%, 10%
CMY	0.9373, 0.5490, 0.8980
CMYK	0.86, 0.00, 0.77, 0.55
HSL	126°, 76%, 26%
HSV	126°, 86%, 45%
XYZ	6.5309, 12.4462, 3.0354
YIQ	75.2530, -30.4350, -48.6670

Conversions

Conversions Part 2

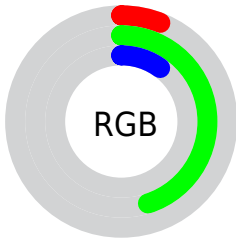
Format	Color
RYB	16, 106, 115
Decimal	1078042
CIELab	41.92, -44.85, 39.21
CIELCh	42, 59.574, 138.835
Yxy	12.4462, 0.2967, 0.5654
Android (android.graphics.Color)	4279268122 (0xFF10731A)
YUV	75.2530, -24.2817, -51.9649
Hunter-Lab	35.2792, -28.6947, 19.5941

Details

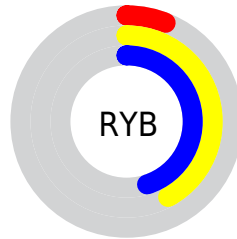
The Hex color **10731A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **731069**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **51A84C**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **047310**, and if you desaturate by 10%, it is **1B7324**.

Distribution



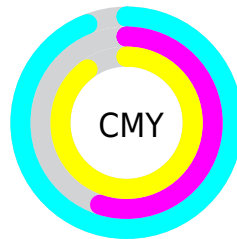
- Red (6%)
- Green (45%)
- Blue (10%)



- Red (6%)
- Yellow (42%)
- Blue (45%)



- Cyan (86%)
- Magenta (0%)
- Yellow (77%)
- Black (55%)



- Cyan (94%)
- Magenta (55%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10731A 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 10731A by changing the saturation by 10% instead.

 10731A

 10731A

FFFFFF

 005A00

 51A84C

 004100

 6DC465

 002B00

 89E07F

 000D00

 A5FD9A

 000000

 C2FFB5

 DFFFD1

 FCFEE

 10731A

 10731A

■ 047310

■ 1B7324

■ 00730C

■ 27732F

■ 327339

■ 3E7343

■ 49734E

■ 557358

■ 617362

■ 6C736D

■ 787377

Harmonies

Analogous

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



5B6A00



10731A



00774E

Triad

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



10731A



006EC4



B82C47

Complementary

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



10731A



731069

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.



B02D77



10731A



2F5EC1

Square

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



10731A



0076AC



8A46A4



A84317

Rectangle

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



10731A



007971



8A46A4



B82857

Sweetspot

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



10731A



6F9673



697310



354D37



CCCCCC



4D4D4D

Same Dimension

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



10731A



00960F



10734B



353B35



007A0C



00FA19

Inverse Universe

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



731069



960087



731038



3B353A



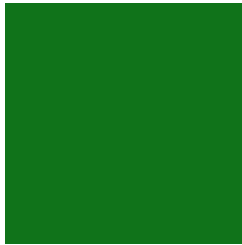
7A006E



FA00E1

Previews

White Background



This preview shows how the Hex color 10731A looks on a white background.

Color Contrast Check

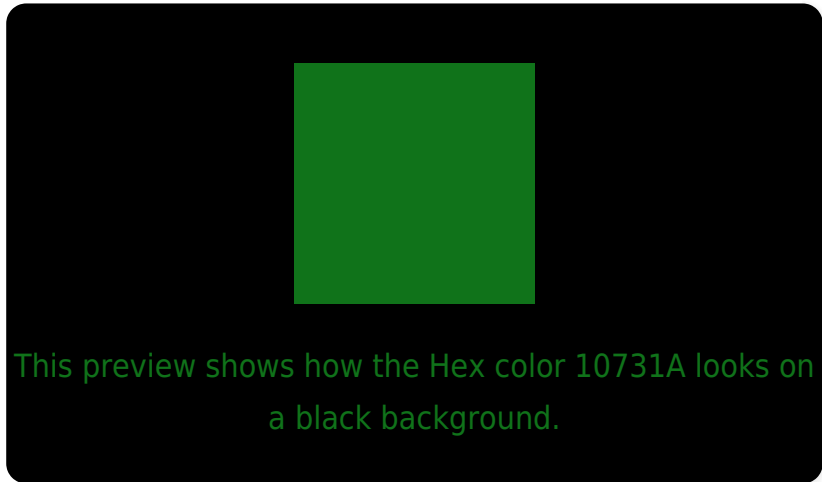
Large Text (above 18pt) WCAG AA ✓ Pass

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

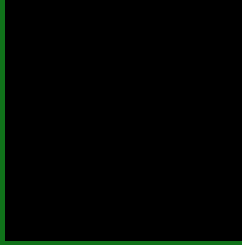
Any Text WCAG AA × Fail

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 10731A Background



This preview shows how black text looks on a background with the Hex color 10731A.



This preview shows how white text looks on a background with the Hex color 10731A.

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
10731A

Protanopia
6F6316

Deuteranopia
7B5E23



Tritanopia
316B74

Trichromacy



Original Color
10731A



Protanomaly
4C6917



Deuteranomaly
546620



Tritanomaly
256E53

Monochromacy



Original Color
10731A



Achromatopsia
4B4B4B



Achromatomaly
365A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 10731A 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 #10731A looks like.

```
.text, #text, p{  
    color:#10731A  
}
```

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 #10731A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10731A
}
```

Border

The CSS property to change the border of an element to Hex 10731A 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".

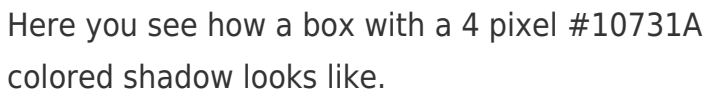
```
.border, #border, table{ border:4px solid
#10731A }
```

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

```
.border{ border-color:#10731A }
```

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

Here you see how a box with a 4 pixel #10731A 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10731A; -webkit-box-shadow:4px 4px  
4px 4px #10731A; box-shadow:4px 4px 4px  
4px #10731A }
```

Background

The CSS property to change the background color of an element to Hex 10731A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10731A }
```

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

```
.background{ background-color:#10731A }
```

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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