

Converting Colors

Hex(08731D)

Have a look what the booklet for
Hex(08731D) contains.

Hex(08731D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(08731D)

Conversions

Conversions Part 1

Format	Color
Hex	08731D
RGB	8, 115, 29
RGB Percent	3%, 45%, 11%
CMY	0.9686, 0.5490, 0.8863
CMYK	0.93, 0.00, 0.75, 0.55
HSL	132°, 87%, 24%
HSV	132°, 93%, 45%
XYZ	6.4526, 12.4018, 3.2161
YIQ	73.2030, -36.1660, -49.4300

Conversions

Conversions Part 2

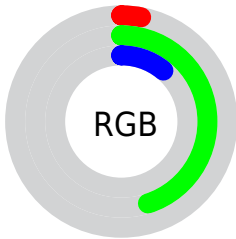
Format	Color
RYB	8, 97, 115
Decimal	553757
CIELab	41.85, -45.37, 37.91
CIELCh	42, 59.128, 140.117
Yxy	12.4018, 0.2924, 0.5619
Android (android.graphics.Color)	4278743837 (0xFF08731D)
YUV	73.2030, -21.7921, -57.1830
Hunter-Lab	35.2162, -28.9219, 19.2367

Details

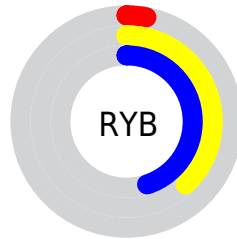
The Hex color **08731D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **73085E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4EA84F**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **007317**, and if you desaturate by 10%, it is **147326**.

Distribution



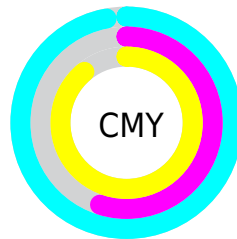
- Red (3%)
- Green (45%)
- Blue (11%)



- Red (3%)
- Yellow (38%)
- Blue (45%)



- Cyan (93%)
- Magenta (0%)
- Yellow (75%)
- Black (55%)



- Cyan (97%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08731D 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 08731D by changing the saturation by 10% instead.

 08731D

 08731D

FFFFFF

 005A01

 4EA84F

 004100

 6AC468

 002B00

 86E082

 000C00

 A2FD9C

 000000

 BFFFB8

 DCFFD4

 FAFFF0

 08731D

 08731D

■ 007317

■ 147326

■ 1F732F

■ 2B7339

■ 367342

■ 42734B

■ 4D7354

■ 59735E

■ 647367

■ 707370

Harmonies

Analogous

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



596A00



08731D



007750

Triad

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



08731D



006DC3



B72D45

Complementary

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



08731D



73085E

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.



B02D75



08731D



375DBF

Square

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



08731D



0076AD



8C45A2



A64516

Rectangle

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



08731D



007872



8C45A2



B82954

Sweetspot

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



08731D



6C9675



5F7308



324D38



CCCCCC



4D4D4D

Same Dimension

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



08731D



00961E



087351



353B36



007A18



00FA31

Inverse Universe

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



73085E



960079



73082A



3B3539



7A0062



FA00C9

Previews

White Background



This preview shows how the Hex color 08731D looks on a white background.

Color Contrast Check

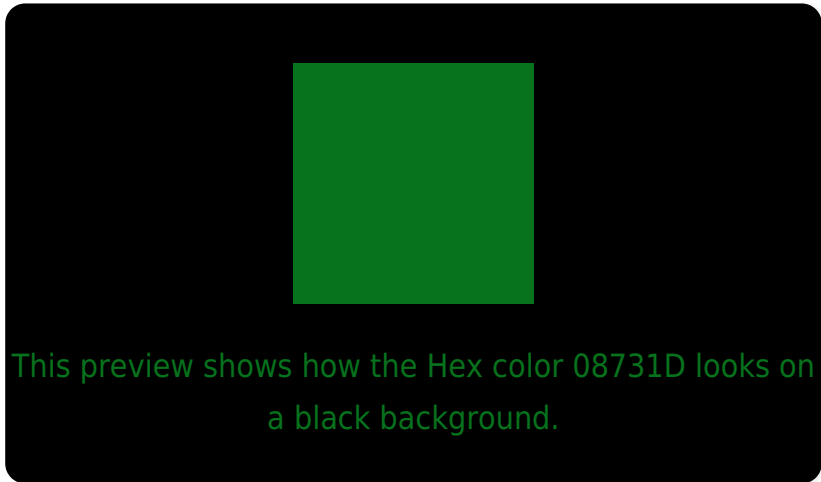
Large Text (above 18pt) WCAG AA ✓ Pass

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 08731D Background



This preview shows how black text looks on a background with the Hex color 08731D.



This preview shows how white text looks on a background with the Hex color 08731D.

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
08731D

Protanopia
6F6319

Deuteranopia
7B5E26



Tritanopia
306B74

Trichromacy



Original Color
08731D



Protanomaly
4A691A



Deuteranomaly
516623



Tritanomaly
216E54

Monochromacy



Original Color
08731D



Achromatopsia
494949



Achromatomaly
315839

CSS Examples

Text

The CSS property to change the color of the text to Hex 08731D 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 #08731D looks like.

```
.text, #text, p{  
    color:#08731D  
}
```

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 #08731D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08731D
}
```

Border

The CSS property to change the border of an element to Hex 08731D 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".

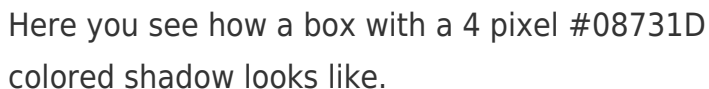
```
.border, #border, table{ border:4px solid
#08731D }
```

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

```
.border{ border-color:#08731D }
```

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

Here you see how a box with a 4 pixel #08731D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08731D; -webkit-box-shadow:4px 4px  
4px 4px #08731D; box-shadow:4px 4px 4px  
4px #08731D }
```

Background

The CSS property to change the background color of an element to Hex 08731D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08731D }
```

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

```
.background{ background-color:#08731D }
```

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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