

Converting Colors

Hex(19730D)

Have a look what the booklet for
Hex(19730D) contains.

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Color

Hex(19730D)

Conversions

Conversions Part 1

Format	Color
Hex	19730D
RGB	25, 115, 13
RGB Percent	10%, 45%, 5%
CMY	0.9020, 0.5490, 0.9490
CMYK	0.78, 0.00, 0.89, 0.55
HSL	113°, 80%, 25%
HSV	113°, 89%, 45%
XYZ	6.6043, 12.4972, 2.4449
YIQ	76.4620, -20.8980, -50.8020

Conversions

Conversions Part 2

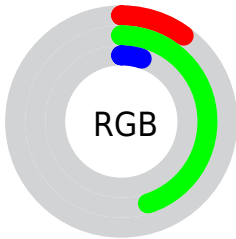
Format	Color
R_{YB}	13, 115, 103
Decimal	1667853
CIE _{Lab}	42.00, -44.42, 43.57
CIE _{LCh}	42, 62.223, 135.557
Yxy	12.4972, 0.3065, 0.5800
Android (android.graphics.Color)	4279857933 (0xFF19730D)
YUV	76.4620, -31.2868, -45.1322
Hunter-Lab	35.3514, -28.5179, 20.6455

Details

The Hex color **19730D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **670D73**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **56A843**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **0F7301**, and if you desaturate by 10%, it is **237318**.

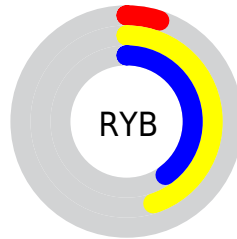
Distribution



Red (10%)

Green (45%)

Blue (5%)



Red (5%)

Yellow (45%)

Blue (40%)

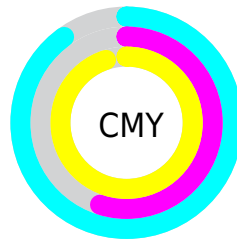


Cyan (78%)

Magenta (0%)

Yellow (89%)

Black (55%)



Cyan (90%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19730D 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 19730D by changing the saturation by 10% instead.

 19730D

 19730D

FFFFFF

 005A00

 56A843

 004100

 72C45D

 002B00

 8EE077

 000D00

 AAFD91

 000000

 C7FFAD

 E4FFC8

 FFFF E5

 19730D

 19730D

■ 0F7301

■ 237318

■ 0E7300

■ 2D7324

■ 37732F

■ 42733B

■ 4C7347

■ 567352

■ 60735E

■ 6A7369

■ 747375

Harmonies

Analogous

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



606900



19730D



007848

Triad

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



19730D



0070C7



BC254B

Complementary

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



19730D



670D73

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.



B12A7E



19730D



0060C7

Square

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



19730D



0078AC



8547AC



AD3F19

Rectangle

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



19730D



00796C



8547AC



BB215C

Sweetspot

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



19730D



73966E



73650D



374D34



CCCCCC



4D4D4D

Same Dimension

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



19730D



129600



0D7332



353B35



0E7A00



1DFA00

Inverse Universe

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



670D73



850096



730D4E



3A353B



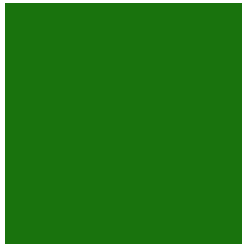
6C007A



DD00FA

Previews

White Background



This preview shows how the Hex color 19730D looks on a white background.

Color Contrast Check

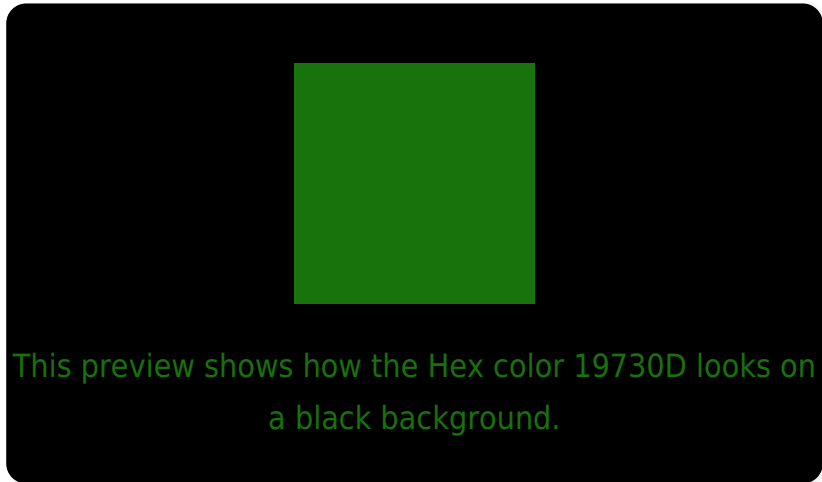
Large Text (above 18pt) WCAG AA ✓ Pass

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

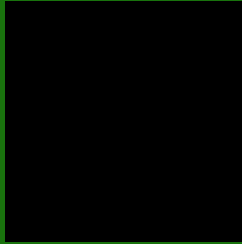
Any Text WCAG AA × Fail

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 19730D Background



This preview shows how black text looks on a background with the Hex color 19730D.



This preview shows how white text looks on a background with the Hex color 19730D.

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
19730D

Protanopia
6F6306

Deuteranopia
7C5E1B



Tritanopia
356B74

Trichromacy



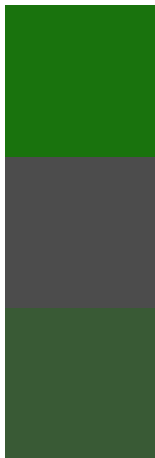
Original Color
19730D

Protanomaly
506909

Deuteranomaly
586616

Tritanomaly
2B6E4F

Monochromacy



Original Color
19730D

Achromatopsia
4C4C4C

Achromatomaly
395A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 19730D 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 #19730D looks like.

```
.text, #text, p{  
    color:#19730D  
}
```

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 #19730D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19730D
}
```

Border

The CSS property to change the border of an element to Hex 19730D 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
#19730D }
```

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

```
.border{ border-color:#19730D }
```

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

Here you see how a box with a 4 pixel #19730D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19730D; -webkit-box-shadow:4px 4px  
4px 4px #19730D; box-shadow:4px 4px 4px  
4px #19730D }
```

Background

The CSS property to change the background color of an element to Hex 19730D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19730D }
```

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

```
.background{ background-color:#19730D }
```

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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