

Converting Colors

Hex(76790A)

Have a look what the booklet for
Hex(76790A) contains.

Hex(76790A)	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(76790A)

Conversions

Conversions Part 1

Format	Color
Hex	76790A
RGB	118, 121, 10
RGB Percent	46%, 47%, 4%
CMY	0.5373, 0.5255, 0.9608
CMYK	0.02, 0.00, 0.92, 0.53
HSL	62°, 85%, 26%
HSV	62°, 92%, 47%
XYZ	14.3634, 17.5482, 2.9173
YIQ	107.4490, 33.8430, -35.1570

Conversions

Conversions Part 2

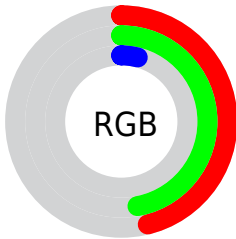
Format	Color
RYB	10, 121, 13
Decimal	7764234
CIELab	48.94, -13.61, 52.13
CIELCh	49, 53.872, 104.629
Yxy	17.5482, 0.4124, 0.5038
Android (android.graphics.Color)	4285954314 (0xFF76790A)
YUV	107.4490, -48.0424, 9.2532
Hunter-Lab	41.8906, -12.1047, 25.1944

Details

The Hex color **76790A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0A79**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **ADAD45**, and **424900** is the 20% darker color. If you saturate the color by 10%, you get **767900**, and if you desaturate by 10%, it is **767916**.

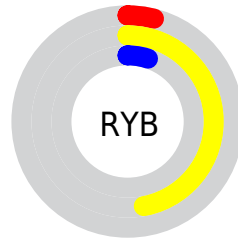
Distribution



Red (46%)

Green (47%)

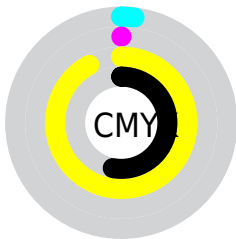
Blue (4%)



Red (4%)

Yellow (47%)

Blue (5%)

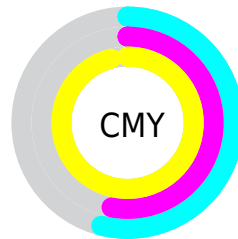


Cyan (2%)

Magenta (0%)

Yellow (92%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76790A 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 76790A by changing the saturation by 10% instead.

 76790A

 76790A

FFFFFF

 5B6000

 ADAD45

 424900

 CAC85F

 283200

 E7E479

 0E1E00

 FFFF94

 000000

 FFFF80

 FFFFCC

 FFFF99

 76790A

 76790A

■ 767900

■ 767916

■ 777922

■ 77792E

■ 77793A

■ 787946

■ 787953

■ 78795F

■ 79796B

■ 797977

Harmonies

Analogous

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



9E6A12



76790A



41832E

Triad

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



76790A



0088B4



BB4B8E

Complementary

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



76790A



0D0A79

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.



935EB6



76790A



0080CC

Square

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



76790A



008A8A



4172CD



C64860

Rectangle

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



76790A



00874B



4172CD



B1519C

Sweetspot

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



76790A



9D9E72



790C0A



4E4F34



CFCFCF



4F4F4F

Same Dimension

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



76790A



9A9E00



40790A



3D3D37



7A7D00



F6FC00

Inverse Universe

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



0D0A79



04009E



430A79



37373D



03007D



0700FC

Previews

White Background



This preview shows how the Hex color 76790A 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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76790A Background



This preview shows how black text looks on a background with the Hex color 76790A.



This preview shows how white text looks on a background with the Hex color 76790A.

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
76790A

Protanopia
837508

Deuteranopia
936E15



Tritanopia
7E7079

Trichromacy



Original Color
76790A

Protanomaly
7E7609

Deuteranomaly
887211

Tritanomaly
7B7351

Monochromacy



Original Color
76790A

Achromatopsia
6B6B6B

Achromatomaly
6F7048

CSS Examples

Text

The CSS property to change the color of the text to Hex 76790A 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 #76790A looks like.

```
.text, #text, p{  
    color:#76790A  
}
```

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 #76790A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76790A
}
```

Border

The CSS property to change the border of an element to Hex 76790A 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
#76790A }
```

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

```
.border{ border-color:#76790A }
```

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

Here you see how a box with a 4 pixel #76790A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76790A; -webkit-box-shadow:4px 4px  
4px 4px #76790A; box-shadow:4px 4px 4px  
4px #76790A }
```

Background

The CSS property to change the background color of an element to Hex 76790A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76790A }
```

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

```
.background{ background-color:#76790A }
```

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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