

Converting Colors

Hex(78910D)

Have a look what the booklet for
Hex(78910D) contains.

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Color

Hex(78910D)

Conversions

Conversions Part 1

Format	Color
Hex	78910D
RGB	120, 145, 13
RGB Percent	47%, 57%, 5%
CMY	0.5294, 0.4314, 0.9490
CMYK	0.17, 0.00, 0.91, 0.43
HSL	71°, 84%, 31%
HSV	71°, 91%, 57%
XYZ	17.9438, 24.2729, 4.1202
YIQ	122.4770, 27.4720, -46.3520

Conversions

Conversions Part 2

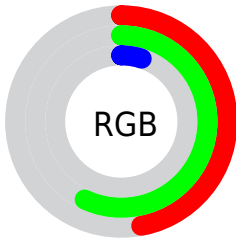
Format	Color
RYB	13, 145, 38
Decimal	7901453
CIELab	56.36, -25.06, 57.61
CIElCh	56, 62.829, 113.511
Yxy	24.2729, 0.3872, 0.5238
Android (android.graphics.Color)	4286091533 (0xFF78910D)
YUV	122.4770, -53.9722, -2.1723
Hunter-Lab	49.2676, -21.2066, 29.5290

Details

The Hex color **78910D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **260D91**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B0C74B**, and **435E00** is the 20% darker color. If you saturate the color by 10%, you get **769100**, and if you desaturate by 10%, it is **7B911C**.

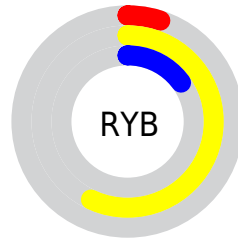
Distribution



Red (47%)

Green (57%)

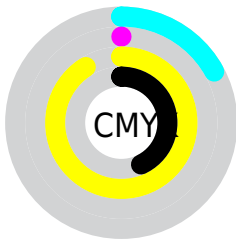
Blue (5%)



Red (5%)

Yellow (57%)

Blue (15%)

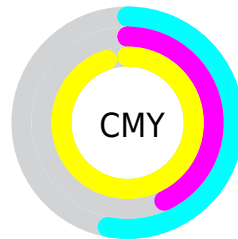


Cyan (17%)

Magenta (0%)

Yellow (91%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78910D 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 78910D by changing the saturation by 10% instead.

 78910D

 78910D

FFFFFF

 5D7700

 B0C74B

 435E00

 CCE366

 284700

 E9FF81

 0C3000

 FFFF9C

 001E00

 FFFF88

 000000

 FFFFD5

 FFFFF2

 78910D

 78910D

■ 769100

■ 7B911C

■ 7D912A

■ 809139

■ 839147

■ 869156

■ 889164

■ 8B9173

■ 8E9181

■ 919190

Harmonies

Analogous

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



AC8000



78910D



289B42

Triad

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



78910D



009CDE



E25195

Complementary

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



78910D



260D91

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.



BD64C9



78910D



0091F4

Square

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



78910D



00A0B1



6F7EEC



E7545F

Rectangle

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



78910D



009F66



6F7EEC



DA56A8

Sweetspot

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



78910D



B3BD8A



91250D



595E40



DEDEDE



5E5E5E

Same Dimension

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



78910D



99BD00



37910D



464740



6E8700



060800

Inverse Universe

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



260D91



2400BD



670D91



424047



1A0087



010008

Previews

White Background



This preview shows how the Hex color 78910D looks on a white background.

Color Contrast Check

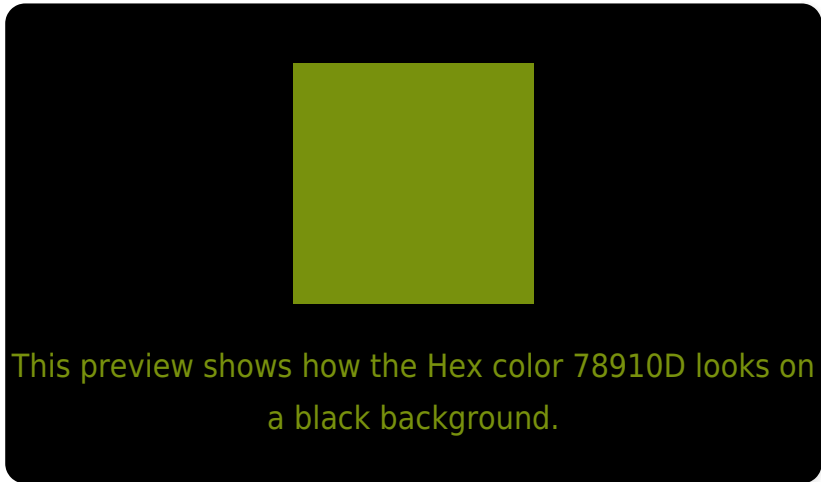
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 78910D Background



This preview shows how black text looks on a background with the Hex color 78910D.



This preview shows how white text looks on a background with the Hex color 78910D.

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
78910D

Protanopia
988708

Deuteranopia
AA801C



Tritanopia
848791

Trichromacy



Original Color
78910D

Protanomaly
8C8B0A

Deuteranomaly
988617

Tritanomaly
808B61

Monochromacy



Original Color
78910D

Achromatopsia
7A7A7A

Achromatomaly
798252

CSS Examples

Text

The CSS property to change the color of the text to Hex 78910D 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 #78910D looks like.

```
.text, #text, p{  
    color:#78910D  
}
```

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 #78910D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78910D
}
```

Border

The CSS property to change the border of an element to Hex 78910D 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
#78910D }
```

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

```
.border{ border-color:#78910D }
```

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

Here you see how a box with a 4 pixel #78910D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78910D; -webkit-box-shadow:4px 4px  
4px 4px #78910D; box-shadow:4px 4px 4px  
4px #78910D }
```

Background

The CSS property to change the background color of an element to Hex 78910D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78910D }
```

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

```
.background{ background-color:#78910D }
```

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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