

Converting Colors

Hex(739B1D)

Have a look what the booklet for
Hex(739B1D) contains.

Hex(739B1D)	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(739B1D)

Conversions

Conversions Part 1

Format	Color
Hex	739B1D
RGB	115, 155, 29
RGB Percent	45%, 61%, 11%
CMY	0.5490, 0.3922, 0.8863
CMYK	0.26, 0.00, 0.81, 0.39
HSL	79°, 68%, 36%
HSV	79°, 81%, 61%
XYZ	19.0133, 27.1762, 5.4058
YIQ	128.6760, 16.6060, -47.6660

Conversions

Conversions Part 2

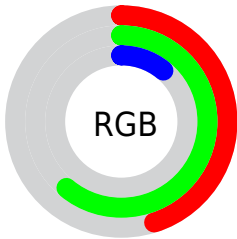
Format	Color
R_{YB}	29, 155, 69
Decimal	7576349
CIE Lab	59.14, -31.44, 56.04
CIE LCh	59, 64.259, 119.298
Yxy	27.1762, 0.3685, 0.5267
Android (android.graphics.Color)	4285766429 (0xFF739B1D)
YUV	128.6760, -49.1403, -11.9939
Hunter-Lab	52.1308, -26.1258, 30.3434

Details

The Hex color **739B1D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **451D9B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AAD255**, and **3D6800** is the 20% darker color. If you saturate the color by 10%, you get **6E9B0E**, and if you desaturate by 10%, it is **789B2D**.

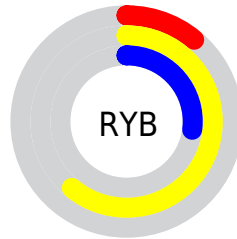
Distribution



Red (45%)

Green (61%)

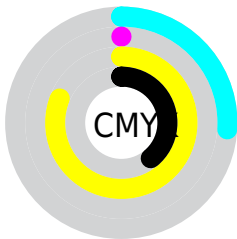
Blue (11%)



Red (11%)

Yellow (61%)

Blue (27%)

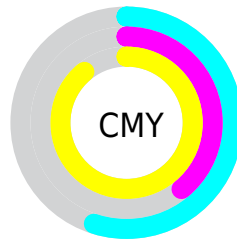


Cyan (26%)

Magenta (0%)

Yellow (81%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 739B1D 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 739B1D by changing the saturation by 10% instead.

 739B1D

 739B1D

FFFFFF

 588100

 AAD255

 3D6800

 C7EE70

 224F00

 E4FF8B

 003800

 FFFFA7

 002300

 FFFFC3

 000000

 FFFFEO

 FFFFFD

 739B1D

 739B1D

■ 6E9B0E

■ 789B2D

■ 6A9B00

■ 7D9B3C

■ 829B4C

■ 879B5B

■ 8C9B6B

■ 919B7A

■ 959B8A

■ 9A9B99

■ 9F9BA9

Harmonies

Analogous

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



AB8B00



739B1D



00A451

Triad

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



739B1D



00A2EF



F05592

Complementary

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



739B1D



451D9B

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.



D166C9



739B1D



0095FF

Square

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



739B1D



00A8C4



8A80F1



F05E5B

Rectangle

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



739B1D



00A777



8A80F1



E958A5

Sweetspot

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



739B1D



BAC999



9B451D



5D6648



E6E6E6



666666

Same Dimension

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



739B1D



8BC904



349B1D



4A4D45



608C00



090D00

Inverse Universe

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



451D9B



4304C9



841D9B



47454D



2D008C



04000D

Previews

White Background



This preview shows how the Hex color 739B1D looks on a white background.

Color Contrast Check

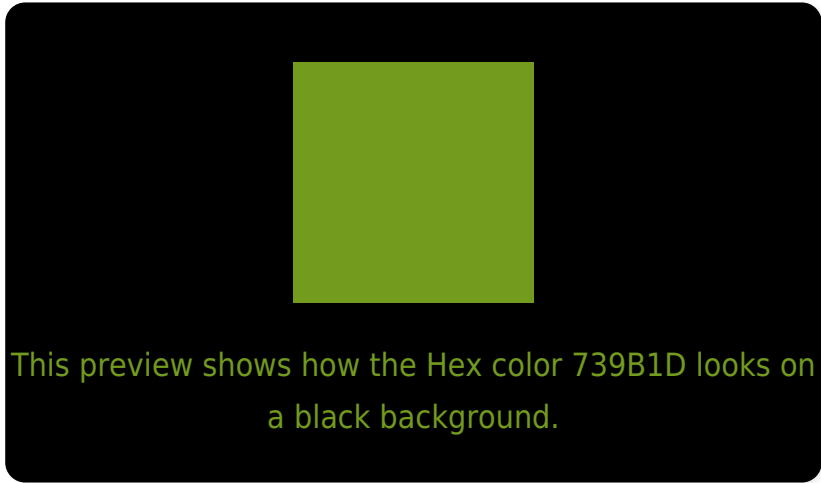
Large Text (above 18pt) WCAG AA ✓ Pass

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 739B1D Background



This preview shows how black text looks on a background with the Hex color 739B1D.



This preview shows how white text looks on a background with the Hex color 739B1D.

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](#).

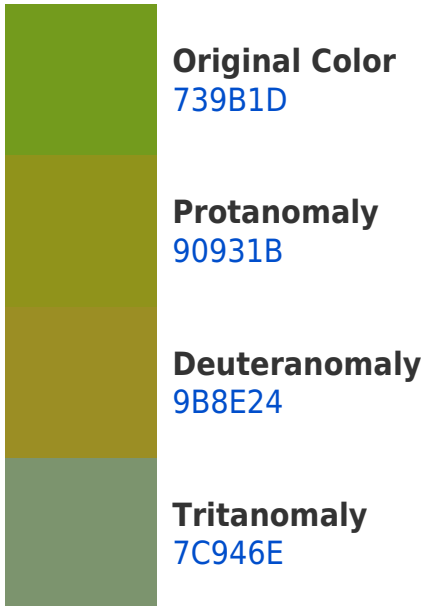
Dichromacy





Tritanopia
81909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 739B1D 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 #739B1D looks like.

```
.text, #text, p{  
    color:#739B1D  
}
```

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 #739B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739B1D
}
```

Border

The CSS property to change the border of an element to Hex 739B1D 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
#739B1D }
```

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

```
.border{ border-color:#739B1D }
```

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

Here you see how a box with a 4 pixel #739B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739B1D; -webkit-box-shadow:4px 4px  
4px 4px #739B1D; box-shadow:4px 4px 4px  
4px #739B1D }
```

Background

The CSS property to change the background color of an element to Hex 739B1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739B1D }
```

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

```
.background{ background-color:#739B1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor