

Converting Colors

Hex(737D2A)

Have a look what the booklet for
Hex(737D2A) contains.

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Color

Hex(737D2A)

Conversions

Conversions Part 1

Format	Color
Hex	737D2A
RGB	115, 125, 42
RGB Percent	45%, 49%, 16%
CMY	0.5490, 0.5098, 0.8353
CMYK	0.08, 0.00, 0.66, 0.51
HSL	67°, 50%, 33%
HSV	67°, 66%, 49%
XYZ	14.8218, 18.4792, 4.9761
YIQ	112.5480, 20.6830, -27.9330

Conversions

Conversions Part 2

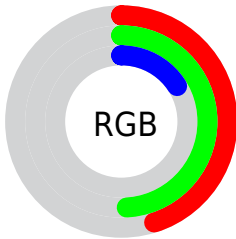
Format	Color
R _Y B	42, 125, 52
Decimal	7568682
CIE Lab	50.07, -15.67, 42.41
CIE LCh	50, 45.213, 110.275
Yxy	18.4792, 0.3872, 0.4828
Android (android.graphics.Color)	4285758762 (0xFF737D2A)
YUV	112.5480, -34.7802, 2.1504
Hunter-Lab	42.9875, -13.6826, 23.2279

Details

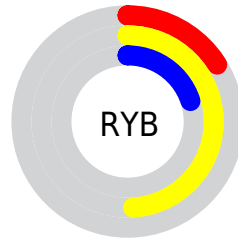
The Hex color **737D2A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **342A7D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A9B25C**, and **404C00** is the 20% darker color. If you saturate the color by 10%, you get **717D1E**, and if you desaturate by 10%, it is **757D37**.

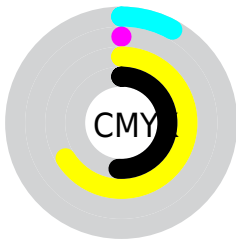
Distribution



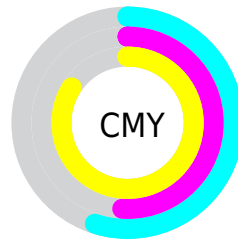
- Red (45%)
- Green (49%)
- Blue (16%)



- Red (16%)
- Yellow (49%)
- Blue (20%)



- Cyan (8%)
- Magenta (0%)
- Yellow (66%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737D2A 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 737D2A by changing the saturation by 10% instead.



737D2A



737D2A

FFFFFF



59640F



A9B25C



404C00



C5CD76



283600



E2E990



0E2000



FFFFAB



000000



FFFFC7



FFFFE3



737D2A



737D2A



717D1E



757D37

■ 707D11

■ 767D43

■ 6E7D05

■ 787D50

■ 6E7D00

■ 797D5C

■ 7B7D69

■ 7C7D75

■ 7E7D82

■ 7F7D8E

■ 817D9B

Harmonies

Analogous

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



977128



737D2A



458544

Triad

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



737D2A



0087B1



B75685

Complementary

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



737D2A



342A7D

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.



9A62A9



737D2A



007FC3

Square

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



737D2A



008A91



6372BF



BE565F

Rectangle

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



737D2A



03885C



6372BF



B05992

Sweetspot

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



737D2A



9FA383



7D342A



4F523E



D1D1D1



525252

Same Dimension

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



737D2A



93A321



4A7D2A



3F4039



708000



000000

Inverse Universe

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



342A7D



3021A3



5D2A7D



3A3940



0F0080



000000

Previews

White Background



This preview shows how the Hex color 737D2A looks on a white background.

Color Contrast Check

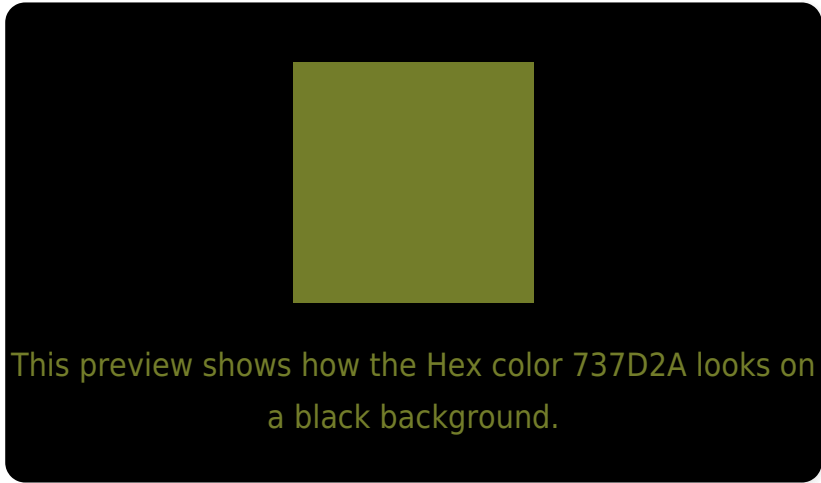
Large Text (above 18pt) WCAG AA ✓ Pass

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

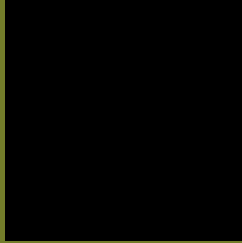
Any Text WCAG AA ✓ Pass

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 737D2A Background



This preview shows how black text looks on a background with the Hex color 737D2A.



This preview shows how white text looks on a background with the Hex color 737D2A.

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
737D2A

Protanopia
857728

Deuteranopia
94712E



Tritanopia
7B757E

Trichromacy



Original Color
737D2A

Protanomaly
7E7929

Deuteranomaly
88752D

Tritanomaly
78785F

Monochromacy



Original Color
737D2A

Achromatopsia
717171

Achromatomaly
727557

CSS Examples

Text

The CSS property to change the color of the text to Hex 737D2A 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 #737D2A looks like.

```
.text, #text, p{  
    color:#737D2A  
}
```

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 #737D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737D2A
}
```

Border

The CSS property to change the border of an element to Hex 737D2A 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
#737D2A }
```

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

```
.border{ border-color:#737D2A }
```

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

Here you see how a box with a 4 pixel #737D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737D2A; -webkit-box-shadow:4px 4px  
4px 4px #737D2A; box-shadow:4px 4px 4px  
4px #737D2A }
```

Background

The CSS property to change the background color of an element to Hex 737D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737D2A }
```

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

```
.background{ background-color:#737D2A }
```

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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