

Converting Colors

Hex(747E1D)

Have a look what the booklet for
Hex(747E1D) contains.

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Color

Hex(747E1D)

Conversions

Conversions Part 1

Format	Color
Hex	747E1D
RGB	116, 126, 29
RGB Percent	45%, 49%, 11%
CMY	0.5451, 0.5059, 0.8863
CMYK	0.08, 0.00, 0.77, 0.51
HSL	66°, 63%, 30%
HSV	66°, 77%, 49%
XYZ	14.8851, 18.7234, 3.9919
YIQ	111.9520, 25.1770, -32.2870

Conversions

Conversions Part 2

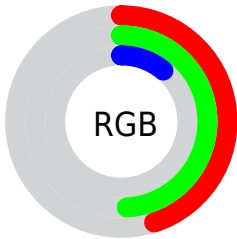
Format	Color
R_{YB}	29, 126, 39
Decimal	7634461
CIE _{Lab}	50.36, -16.53, 47.98
CIE _{LCh}	50, 50.746, 109.015
Yxy	18.7234, 0.3959, 0.4980
Android (android.graphics.Color)	4285824541 (0xFF747E1D)
YUV	111.9520, -40.8953, 3.5501
Hunter-Lab	43.2706, -14.3195, 24.8197

Details

The Hex color **747E1D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **271D7E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **ABB351**, and **414D00** is the 20% darker color. If you saturate the color by 10%, you get **737E10**, and if you desaturate by 10%, it is **757E2A**.

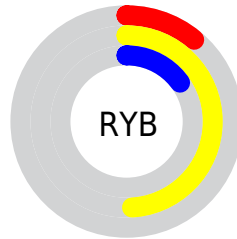
Distribution



Red (45%)

Green (49%)

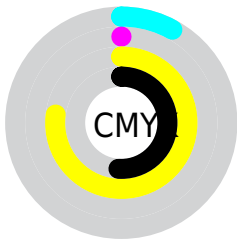
Blue (11%)



Red (11%)

Yellow (49%)

Blue (15%)

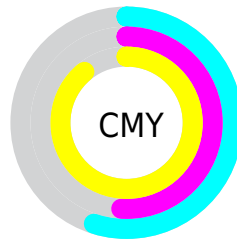


Cyan (8%)

Magenta (0%)

Yellow (77%)

Black (51%)



Cyan (55%)

Magenta (51%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 747E1D 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 747E1D by changing the saturation by 10% instead.

 747E1D

 747E1D

FFFFFF

 5A6500

 ABB351

 414D00

 C7CE6B

 273600

 E4EA85

 0E2100

 FFFFA1

 000200

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 747E1D

 747E1D

■ 737E10

■ 757E2A

■ 717E04

■ 777E36

■ 717E00

■ 787E43

■ 797E4F

■ 7A7E5C

■ 7C7E69

■ 7D7E75

■ 7E7E82

■ 807E8E

Harmonies

Analogous

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



9C701C



747E1D



40873C

Triad

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



747E1D



008AB8



BE518A

Complementary

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



747E1D



271D7E

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.



9C60B1



747E1D



0081CD

Square

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



747E1D



008D93



5B73CA



C6515E

Rectangle

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



747E1D



008A57



5B73CA



B65598

Sweetspot

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



747E1D



9FA37E



7E271D



4F523B



D1D1D1



525252

Same Dimension

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



747E1D



94A30D



447E1D



3F4039



728000



000000

Inverse Universe

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



271D7E



1D0DA3



571D7E



3A3940



0D0080



000000

Previews

White Background



This preview shows how the Hex color 747E1D looks on a white background.

Color Contrast Check

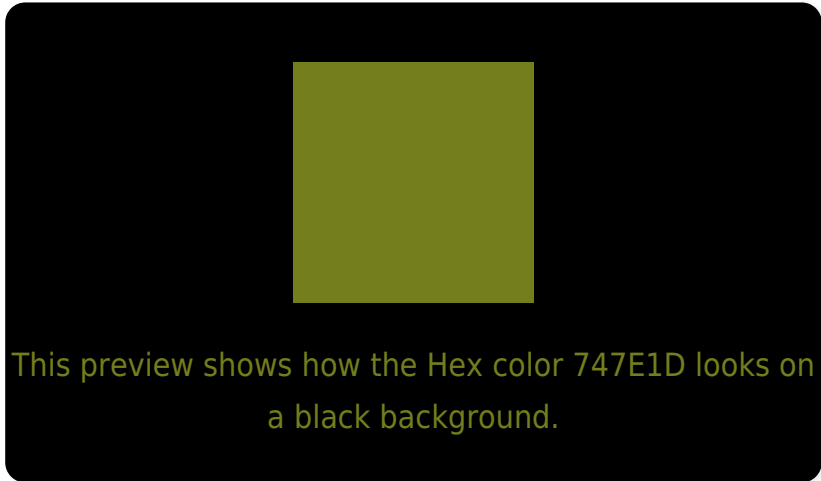
Large Text (above 18pt) WCAG AA ✓ Pass

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 747E1D Background



This preview shows how black text looks on a background with the Hex color 747E1D.



This preview shows how white text looks on a background with the Hex color 747E1D.

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
747E1D

Protanopia
87781B

Deuteranopia
967223



Tritanopia
7D757F

Trichromacy



Original Color
747E1D

Protanomaly
807A1C

Deuteranomaly
8A7621

Tritanomaly
7A785B

Monochromacy



Original Color
747E1D

Achromatopsia
707070

Achromatomaly
717552

CSS Examples

Text

The CSS property to change the color of the text to Hex 747E1D 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 #747E1D looks like.

```
.text, #text, p{  
    color:#747E1D  
}
```

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 #747E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747E1D
}
```

Border

The CSS property to change the border of an element to Hex 747E1D 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
#747E1D }
```

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

```
.border{ border-color:#747E1D }
```

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

Here you see how a box with a 4 pixel #747E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747E1D; -webkit-box-shadow:4px 4px  
4px 4px #747E1D; box-shadow:4px 4px 4px  
4px #747E1D }
```

Background

The CSS property to change the background color of an element to Hex 747E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747E1D }
```

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

```
.background{ background-color:#747E1D }
```

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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