

Converting Colors

Hex(740B4D)

Have a look what the booklet for
Hex(740B4D) contains.

Hex(740B4D)	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(740B4D)

Conversions

Conversions Part 1

Format	Color
Hex	740B4D
RGB	116, 11, 77
RGB Percent	45%, 4%, 30%
CMY	0.5451, 0.9569, 0.6980
CMYK	0.00, 0.91, 0.34, 0.55
HSL	322°, 83%, 25%
HSV	322°, 91%, 45%
XYZ	8.6617, 4.4882, 7.4310
YIQ	49.9190, 41.3940, 42.7860

Conversions

Conversions Part 2

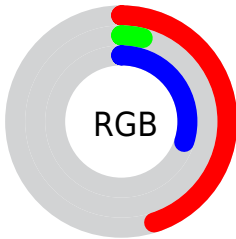
Format	Color
R_{YB}	116, 11, 77
Decimal	7605069
CIE _{Lab}	25.22, 47.32, -10.66
CIE _{LCh}	25, 48.501, 347.308
Yxy	4.4882, 0.4209, 0.2181
Android (android.graphics.Color)	4285795149 (0xFF740B4D)
YUV	49.9190, 13.3509, 57.9530
Hunter-Lab	21.1853, 35.9061, -5.9669

Details

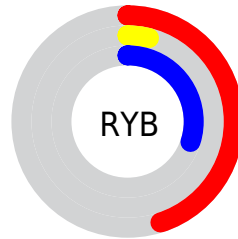
The Hex color **740B4D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0B7432**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **AC477E**, and **3F0021** is the 20% darker color. If you saturate the color by 10%, you get **740049**, and if you desaturate by 10%, it is **741751**.

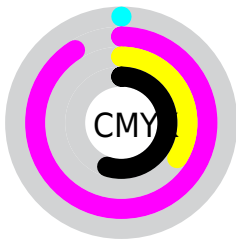
Distribution



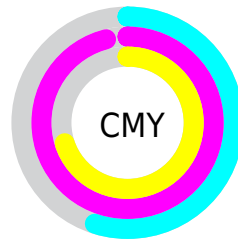
- Red (45%)
- Green (4%)
- Blue (30%)



- Red (45%)
- Yellow (4%)
- Blue (30%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (55%)



- Cyan (55%)
- Magenta (96%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 740B4D 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 740B4D by changing the saturation by 10% instead.

 740B4D

 740B4D

FFFFFF

 590036

 AC477E

 3F0021

 C86198

 270007

 E57CB3

 000000

 FF97CE

 FFB3EA

 FFCFFF

 FFECFF

 740B4D

 740B4D

■ 740049

■ 741751

■ 742256

■ 742E5A

■ 74395E

■ 744563

■ 745167

■ 745C6B

■ 74686F

■ 747374

Harmonies

Analogous

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



56266E



740B4D



7A0829

Triad

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



740B4D



374100



004A72

Complementary

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



740B4D



0B7432

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.



004B51



740B4D



004700

Square

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



740B4D



573400



004A2A



004584

Rectangle

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



740B4D



741A11



004A2A



004B68

Sweetspot

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



740B4D



966E87



310B74



4D3443



CCCCCC



4D4D4D

Same Dimension

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



740B4D



96005F



740B19



3B3538



7A004D



FA009D

Inverse Universe

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



740B4D



96005F



0B7466



3B3538



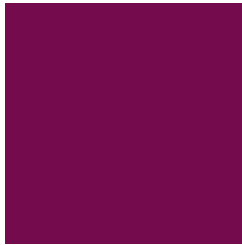
7A004D



FA009D

Previews

White Background



This preview shows how the Hex color 740B4D looks on a white background.

Color Contrast Check

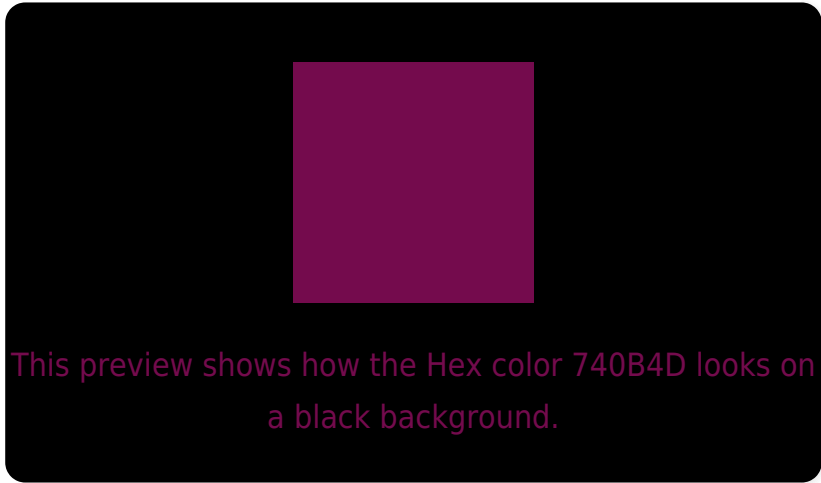
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

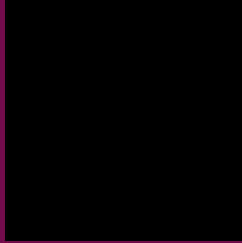
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 740B4D Background



This preview shows how black text looks on a background with the Hex color 740B4D.

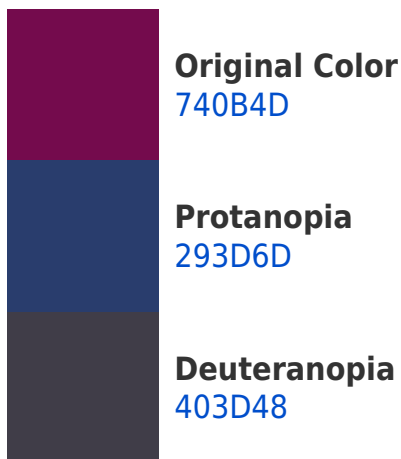


This preview shows how white text looks on a background with the Hex color 740B4D.

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



Trichromacy



Original Color
740B4D

Protanomaly
442B61

Deuteranomaly
532B4A

Tritanomaly
721831

Monochromacy



Original Color
740B4D

Achromatopsia
323232

Achromatomaly
4A243C

CSS Examples

Text

The CSS property to change the color of the text to Hex 740B4D 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 #740B4D looks like.

```
.text, #text, p{  
    color:#740B4D  
}
```

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 #740B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740B4D
}
```

Border

The CSS property to change the border of an element to Hex 740B4D 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
#740B4D }
```

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

```
.border{ border-color:#740B4D }
```

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

Here you see how a box with a 4 pixel #740B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740B4D; -webkit-box-shadow:4px 4px  
4px 4px #740B4D; box-shadow:4px 4px 4px  
4px #740B4D }
```

Background

The CSS property to change the background color of an element to Hex 740B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740B4D }
```

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

```
.background{ background-color:#740B4D }
```

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