

Converting Colors

Hex(742E6B)

Have a look what the booklet for
Hex(742E6B) contains.

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Color

Hex(742E6B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 742E6B |
| RGB | 116, 46, 107 |
| RGB Percent | 45%, 18%, 42% |
| CMY | 0.5451, 0.8196, 0.5804 |
| CMYK | 0.00, 0.60, 0.08, 0.55 |
| HSL | 308°, 43%, 32% |
| HSV | 308°, 60%, 45% |
| XYZ | 10.8333, 6.7285, 14.6377 |
| YIQ | 73.8840, 22.1390, 33.8110 |

Conversions

Conversions Part 2

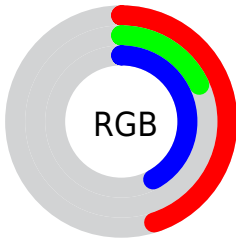
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 46, 107 |
| Decimal | 7614059 |
| CIE _{Lab} | 31.18, 39.06, -21.11 |
| CIE _{LCh} | 31, 44.399, 331.612 |
| Yxy | 6.7285, 0.3364, 0.2090 |
| Android (android.graphics.Color) | 4285804139 (0xFF742E6B) |
| YUV | 73.8840, 16.3262, 36.9357 |
| Hunter-Lab | 25.9394, 29.1545, -15.2999 |

Details

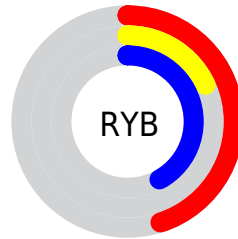
The Hex color **742E6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E7437**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AA609F**, and **41003B** is the 20% darker color. If you saturate the color by 10%, you get **74226A**, and if you desaturate by 10%, it is **743A6C**.

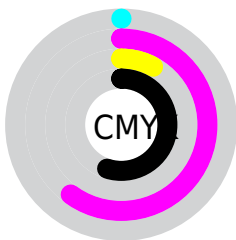
Distribution



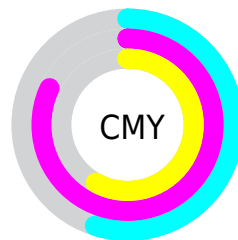
- Red (45%)
- Green (18%)
- Blue (42%)



- Red (45%)
- Yellow (18%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742E6B 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 742E6B by changing the saturation by 10% instead.

 742E6B

 742E6B

FFFFFF

 5A1453

 AA609F

 41003B

 C67ABA

 2C0026

 E395D5

 00000E

 FFB0F2

 000000

 FFCCFF

 FFE8FF

 742E6B

 742E6B

 74226A

 743A6C

741768

74456E

740B67

74516F

740065

745C71

746872

747474

747F75

748B77

749678

Harmonies

Analogous

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



4A3F85



742E6B



852349

Triad

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



742E6B



584800



00596D

Complementary

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



742E6B



2E7437

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.



00594A



742E6B



345202

Square

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



742E6B



733B06



005726



005586

Rectangle

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



742E6B



862732



005726



005962

Sweetspot

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



742E6B



967B93



362E74



4D3C4A



CCCCCC



4D4D4D

Same Dimension

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



742E6B



962A89



742E49



3B353A



7A006B



FA00DA

Inverse Universe

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



742E6B



962A89



2E7459



3B353A



7A006B



FA00DA

Previews

White Background



This preview shows how the Hex color 742E6B looks on a white background.

Color Contrast Check

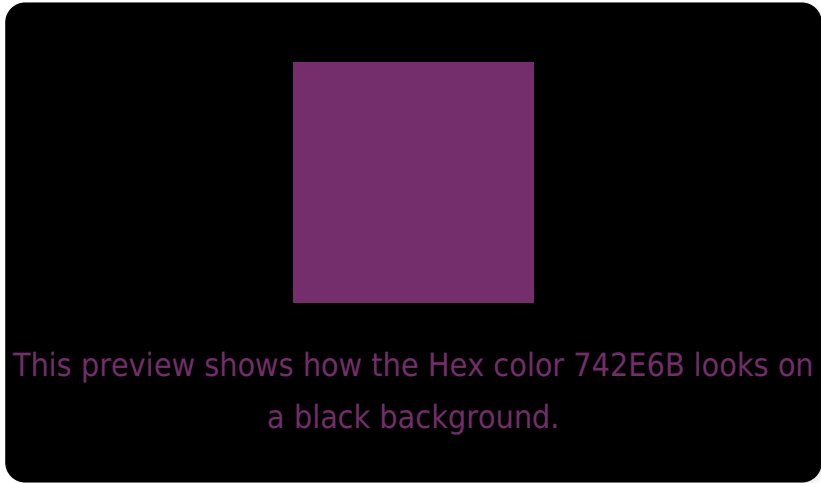
Large Text (above 18pt) WCAG AA ✓ Pass

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

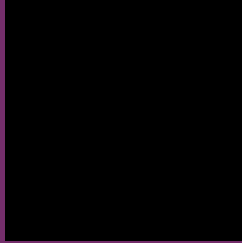
Any Text WCAG AA × Fail

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 742E6B Background



This preview shows how black text looks on a background with the Hex color 742E6B.



This preview shows how white text looks on a background with the Hex color 742E6B.

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
742E6B

Protanopia
304882

Deuteranopia
414967



Tritanopia
6F3A3E

Trichromacy



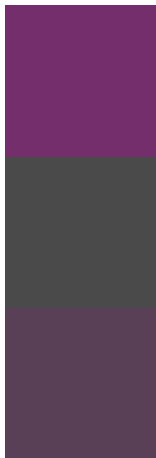
Original Color
742E6B

Protanomaly
493F7A

Deuteranomaly
543F68

Tritanomaly
71364E

Monochromacy



Original Color
742E6B

Achromatopsia
4A4A4A

Achromatomaly
594056

CSS Examples

Text

The CSS property to change the color of the text to Hex 742E6B 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 #742E6B looks like.

```
.text, #text, p{  
    color:#742E6B  
}
```

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 #742E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742E6B
}
```

Border

The CSS property to change the border of an element to Hex 742E6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

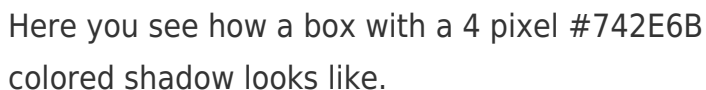
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742E6B }
```

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

```
.border{ border-color:#742E6B }
```

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



Here you see how a box with a 4 pixel #742E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742E6B; -webkit-box-shadow:4px 4px  
4px 4px #742E6B; box-shadow:4px 4px 4px  
4px #742E6B }
```

Background

The CSS property to change the background color of an element to Hex 742E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742E6B }
```

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

```
.background{ background-color:#742E6B }
```

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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