

Converting Colors

Hex(742E56)

Have a look what the booklet for
Hex(742E56) contains.

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Color

Hex(742E56)

Conversions

Conversions Part 1

Format	Color
Hex	742E56
RGB	116, 46, 86
RGB Percent	45%, 18%, 34%
CMY	0.5451, 0.8196, 0.6627
CMYK	0.00, 0.60, 0.26, 0.55
HSL	326°, 43%, 32%
HSV	326°, 60%, 45%
XYZ	9.8592, 6.3389, 9.5080
YIQ	71.4900, 28.8800, 27.2800

Conversions

Conversions Part 2

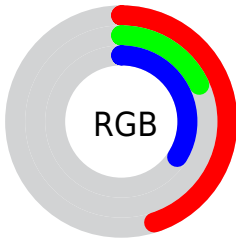
Format	Color
R_{YB}	116, 46, 86
Decimal	7614038
CIE Lab	30.25, 35.57, -8.99
CIE LCh	30, 36.686, 345.821
Yxy	6.3389, 0.3835, 0.2466
Android (android.graphics.Color)	4285804118 (0xFF742E56)
YUV	71.4900, 7.1534, 39.0353
Hunter-Lab	25.1771, 25.8392, -4.7665

Details

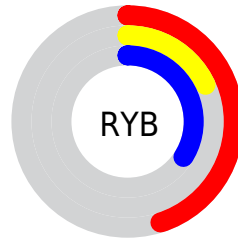
The Hex color **742E56** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E744C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AA6088**, and **410029** is the 20% darker color. If you saturate the color by 10%, you get **742251**, and if you desaturate by 10%, it is **743A5B**.

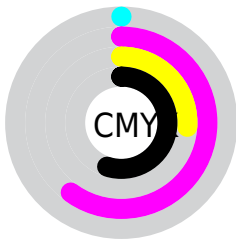
Distribution



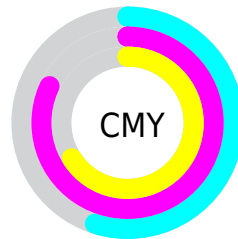
- Red (45%)
- Green (18%)
- Blue (34%)



- Red (45%)
- Yellow (18%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (26%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742E56 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 742E56 by changing the saturation by 10% instead.

 742E56

 742E56

FFFFFF

 5A153F

 AA6088

 410029

 C679A2

 2C0015

 E394BD

 000000

 FFAFD9

 FFCBF5

 FFE7FF

 742E56

 742E56

 742251

 743A5B

 74174C

 744560

 740B47

 745165

 740042

 745C6A

 74686F

 747474

 747F79

 748B7E

 749683

Harmonies

Analogous

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



5C396F



742E56



7B2C39

Triad

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



742E56



484A08



005370

Complementary

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



742E56



2E744C

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.



005556



742E56



26511D

Square

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



742E56



61410B



005438



004E7F

Rectangle

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



742E56



773227



005438



005468

Sweetspot

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



742E56



967B8B



4B2E74



4D3C45



CCCCCC



4D4D4D

Same Dimension

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



742E56



962A68



742E34



3B3538



7A0046



FA008F

Inverse Universe

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



742E56



962A68



2E746E



3B3538



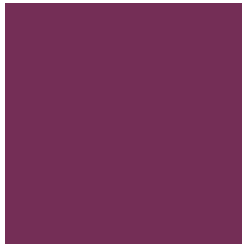
7A0046



FA008F

Previews

White Background



This preview shows how the Hex color 742E56 looks on a white background.

Color Contrast Check

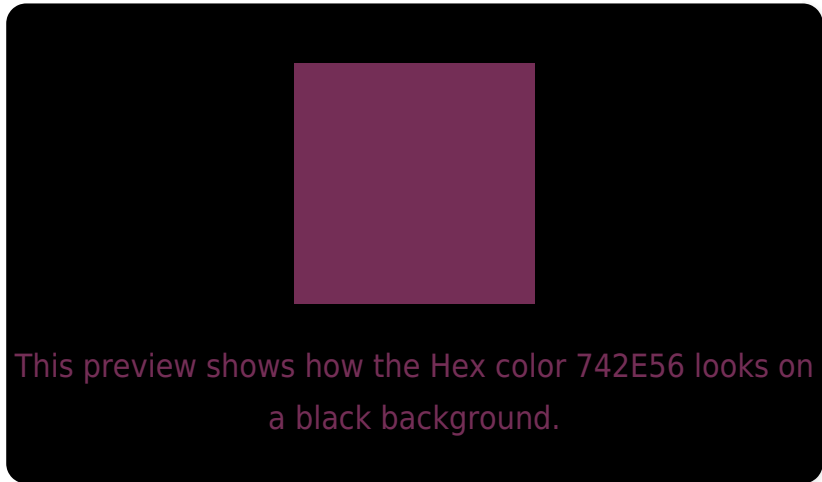
Large Text (above 18pt) WCAG AA ✓ Pass

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

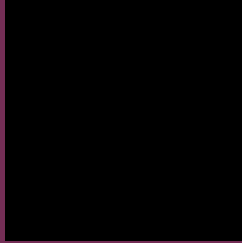
Any Text WCAG AA × Fail

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 742E56 Background



This preview shows how black text looks on a background with the Hex color 742E56.



This preview shows how white text looks on a background with the Hex color 742E56.

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
742E56

Protanopia
3E4768

Deuteranopia
4A4652



Tritanopia
713539

Trichromacy



Original Color
742E56

Protanomaly
523E61

Deuteranomaly
593D53

Tritanomaly
723244

Monochromacy



Original Color
742E56

Achromatopsia
474747

Achromatomaly
573E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 742E56 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 #742E56 looks like.

```
.text, #text, p{  
    color:#742E56  
}
```

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 #742E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742E56
}
```

Border

The CSS property to change the border of an element to Hex 742E56 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".

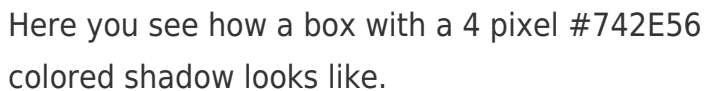
```
.border, #border, table{ border:4px solid
#742E56 }
```

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

```
.border{ border-color:#742E56 }
```

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

Here you see how a box with a 4 pixel #742E56 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top, left, and bottom edges. The right edge is a thick dark purple bar. The shadow is a dark purple rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742E56; -webkit-box-shadow:4px 4px  
4px 4px #742E56; box-shadow:4px 4px 4px  
4px #742E56 }
```

Background

The CSS property to change the background color of an element to Hex 742E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742E56 }
```

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

```
.background{ background-color:#742E56 }
```

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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