

Converting Colors

Hex(742C65)

Have a look what the booklet for
Hex(742C65) contains.

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Color

Hex(742C65)

Conversions

Conversions Part 1

Format	Color
Hex	742C65
RGB	116, 44, 101
RGB Percent	45%, 17%, 40%
CMY	0.5451, 0.8275, 0.6039
CMYK	0.00, 0.62, 0.13, 0.55
HSL	312°, 45%, 31%
HSV	312°, 62%, 45%
XYZ	10.4521, 6.4540, 13.0068
YIQ	72.0260, 24.6150, 32.9910

Conversions

Conversions Part 2

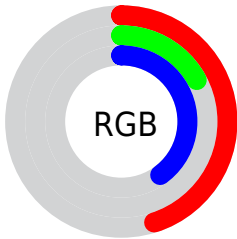
Format	Color
R_{YB}	116, 44, 101
Decimal	7613541
CIE _{Lab}	30.53, 38.99, -18.28
CIE _{LCh}	31, 43.058, 334.885
Yxy	6.4540, 0.3494, 0.2158
Android (android.graphics.Color)	4285803621 (0xFF742C65)
YUV	72.0260, 14.2842, 38.5652
Hunter-Lab	25.4046, 28.9813, -12.5723

Details

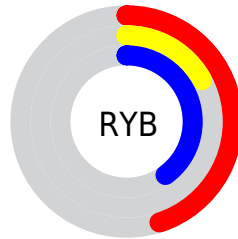
The Hex color **742C65** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C743B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **AA5E98**, and **410036** is the 20% darker color. If you saturate the color by 10%, you get **742063**, and if you desaturate by 10%, it is **743867**.

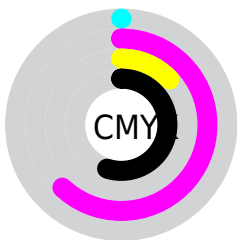
Distribution



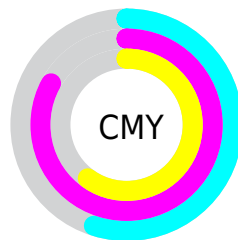
- Red (45%)
- Green (17%)
- Blue (40%)



- Red (45%)
- Yellow (17%)
- Blue (40%)



- Cyan (0%)
- Magenta (62%)
- Yellow (13%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742C65 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 742C65 by changing the saturation by 10% instead.

 742C65

 742C65

FFFFFF

 5A114D

 AA5E98

 410036

 C678B3

 2C0021

 E393CE

 000005

 FFAEEB

 000000

 FFCAFF

 FFE6FF

 742C65

 742C65

 742063

 743867

 741560

 74436A

 74095E

 744F6C

 74005C

 745A6F

 746671

 747274

 747D76

 748978

 74947B

Harmonies

Analogous

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



4F3C7F



742C65



832444

Triad

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



742C65



534800



00576E

Complementary

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



742C65



2C743B

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.



00574D



742C65



2F5107

Square

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



742C65



6D3B04



00552A



005385

Rectangle

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



742C65



82282E



00552A



005763

Sweetspot

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



742C65



967A90



3A2C74



4D3B49



CCCCCC



4D4D4D

Same Dimension

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



742C65



96277F



742C42



3B3539



7A0061



FA00C6

Inverse Universe

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



742C65



96277F



2C745E



3B3539



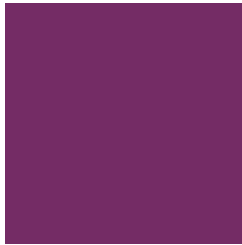
7A0061



FA00C6

Previews

White Background



This preview shows how the Hex color 742C65 looks on a white background.

Color Contrast Check

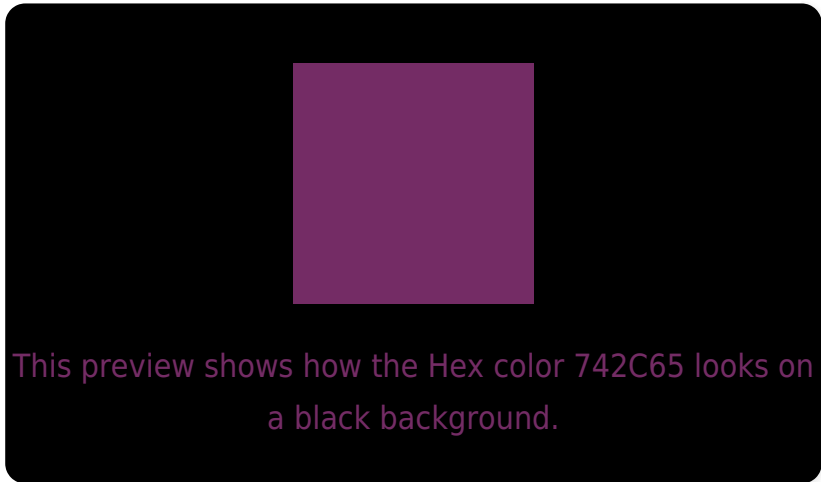
Large Text (above 18pt) WCAG AA ✓ Pass

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

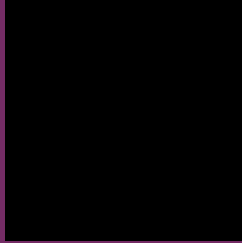
Any Text WCAG AA × Fail

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 742C65 Background



This preview shows how black text looks on a background with the Hex color 742C65.



This preview shows how white text looks on a background with the Hex color 742C65.

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





Tritanopia
70373B

Trichromacy



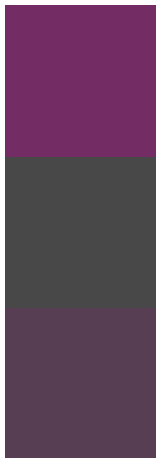
Original Color
742C65

Protanomaly
4B3D73

Deuteranomaly
553E62

Tritanomaly
71334A

Monochromacy



Original Color
742C65

Achromatopsia
484848

Achromatomaly
583E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 742C65 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 #742C65 looks like.

```
.text, #text, p{  
    color:#742C65  
}
```

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 #742C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742C65
}
```

Border

The CSS property to change the border of an element to Hex 742C65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

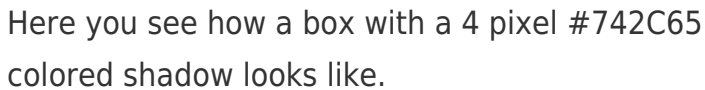
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742C65 }
```

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

```
.border{ border-color:#742C65 }
```

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



Here you see how a box with a 4 pixel #742C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742C65; -webkit-box-shadow:4px 4px  
4px 4px #742C65; box-shadow:4px 4px 4px  
4px #742C65 }
```

Background

The CSS property to change the background color of an element to Hex 742C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742C65 }
```

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

```
.background{ background-color:#742C65 }
```

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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