

Converting Colors

Hex(742758)

Have a look what the booklet for
Hex(742758) contains.

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Color

Hex(742758)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 742758 |
| RGB | 116, 39, 88 |
| RGB Percent | 45%, 15%, 35% |
| CMY | 0.5451, 0.8471, 0.6549 |
| CMYK | 0.00, 0.66, 0.24, 0.55 |
| HSL | 322°, 50%, 30% |
| HSV | 322°, 66%, 45% |
| XYZ | 9.6894, 5.8686, 9.8546 |
| YIQ | 67.6090, 30.1630, 31.5630 |

Conversions

Conversions Part 2

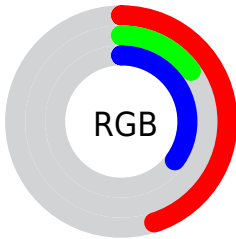
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 116, 39, 88 |
| Decimal | 7612248 |
| CIE _{Lab} | 29.08, 39.27, -12.07 |
| CIE _{LCh} | 29, 41.084, 342.909 |
| Yxy | 5.8686, 0.3813, 0.2309 |
| Android (android.graphics.Color) | 4285802328 (0xFF742758) |
| YUV | 67.6090, 10.0528, 42.4389 |
| Hunter-Lab | 24.2252, 29.0009, -7.1609 |

Details

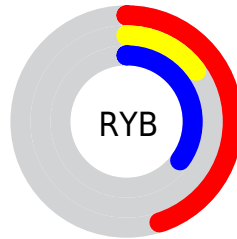
The Hex color **742758** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **277443**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **AA5A8A**, and **40002A** is the 20% darker color. If you saturate the color by 10%, you get **741B54**, and if you desaturate by 10%, it is **74335C**.

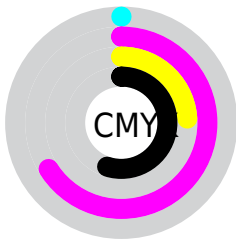
Distribution



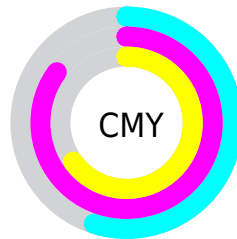
- Red (45%)
- Green (15%)
- Blue (35%)



- Red (45%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (24%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742758 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 742758 by changing the saturation by 10% instead.

 742758

 742758

FFFFFF

 5A0A41

 AA5A8A

 40002A

 C773A4

 2B0016

 E38EBF

 000000

 FFA9DB

 FFC5F8

 FFE1FF

 FFFEFF

 742758

 742758

741B54

74335C

741050

743E60

74044B

744A65

74004A

745569

74616D

746D71

747876

74847A

748F7E

Harmonies

Analogous

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



573673



742758



7D2338

Triad

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



742758



474700



00526F

Complementary

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



742758



277443

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.



005352



742758



224E11

Square

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



742758



623C00



005231



004D81

Rectangle

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



742758



7A2A24



005231



005366

Sweetspot

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



742758



96788C



422774



4D3A46



CCCCCC



4D4D4D

Same Dimension

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



742758



961E6B



742733



3B3539



7A004E



FA009F

Inverse Universe

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



742758



961E6B



277468



3B3539



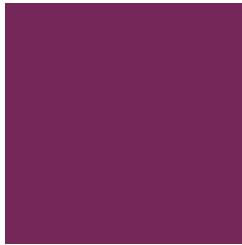
7A004E



FA009F

Previews

White Background



This preview shows how the Hex color 742758 looks on a white background.

Color Contrast Check

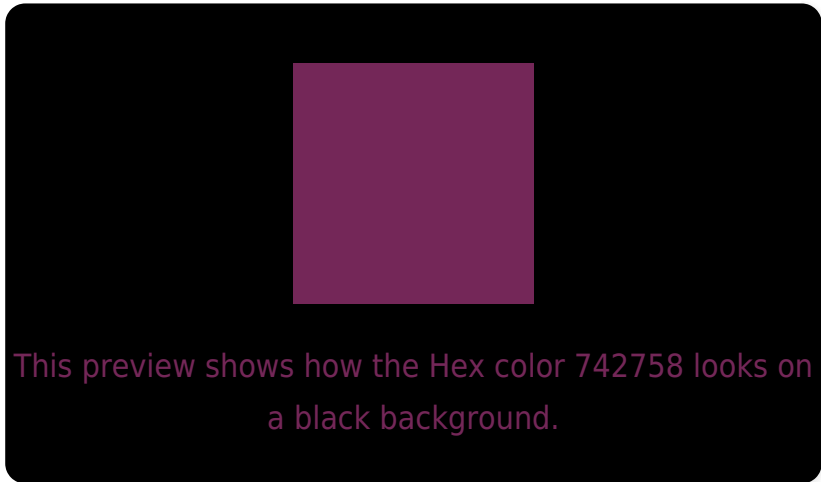
Large Text (above 18pt) WCAG AA ✓ Pass

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

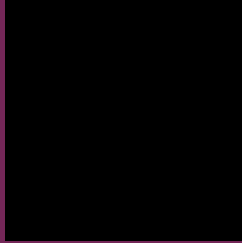
Any Text WCAG AA × Fail

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 742758 Background



This preview shows how black text looks on a background with the Hex color 742758.




This preview shows how white text looks on a background with the Hex color 742758.

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
713134

Trichromacy



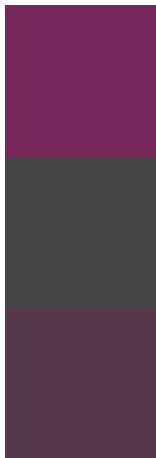
Original Color
742758

Protanomaly
4D3966

Deuteranomaly
563955

Tritanomaly
722D41

Monochromacy



Original Color
742758

Achromatopsia
444444

Achromatomaly
55394B

CSS Examples

Text

The CSS property to change the color of the text to Hex 742758 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 #742758 looks like.

```
.text, #text, p{  
    color:#742758  
}
```

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 #742758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742758
}
```

Border

The CSS property to change the border of an element to Hex 742758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

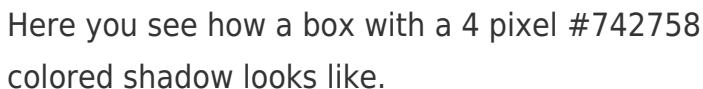
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742758 }
```

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

```
.border{ border-color:#742758 }
```

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



Here you see how a box with a 4 pixel #742758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742758; -webkit-box-shadow:4px 4px  
4px 4px #742758; box-shadow:4px 4px 4px  
4px #742758 }
```

Background

The CSS property to change the background color of an element to Hex 742758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742758 }
```

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

```
.background{ background-color:#742758 }
```

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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