

Converting Colors

Hex(712D40)

Have a look what the booklet for
Hex(712D40) contains.

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Color

Hex(712D40)

Conversions

Conversions Part 1

Format	Color
Hex	712D40
RGB	113, 45, 64
RGB Percent	44%, 18%, 25%
CMY	0.5569, 0.8235, 0.7490
CMYK	0.00, 0.60, 0.43, 0.56
HSL	343°, 43%, 31%
HSV	343°, 60%, 44%
XYZ	8.6739, 5.7576, 5.5047
YIQ	67.4980, 34.4290, 20.3250

Conversions

Conversions Part 2

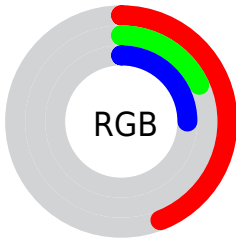
Format	Color
R_{YB}	113, 45, 64
Decimal	7417152
CIE _{Lab}	28.79, 32.04, 3.28
CIE _{LCh}	29, 32.205, 5.838
Yxy	5.7576, 0.4351, 0.2888
Android (android.graphics.Color)	4285607232 (0xFF712D40)
YUV	67.4980, -1.7245, 39.9053
Hunter-Lab	23.9951, 22.5335, 3.1950

Details

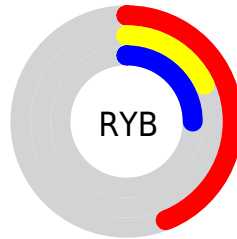
The Hex color **712D40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D715E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A85E70**, and **3D0016** is the 20% darker color. If you saturate the color by 10%, you get **712238**, and if you desaturate by 10%, it is **713848**.

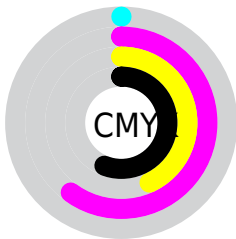
Distribution



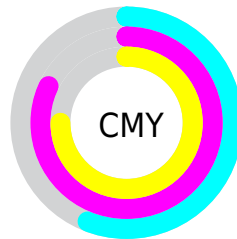
- Red (44%)
- Green (18%)
- Blue (25%)



- Red (44%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (43%)
- Black (56%)




- Cyan (56%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712D40 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 712D40 by changing the saturation by 10% instead.

 712D40

 712D40

FFFFFF


 57142A

 A85E70

 3D0016

 C47789

 280001

 E192A3

 000000


 FEADBE


 FFC8DA


 FFE5F6

 712D40

 712D40

 712238

 713848

 711630


 714450


 710B28


 714F58


 710020

 715A61

 716669

 717171

 717C79

 718781

 719389

Harmonies

Analogous

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



663159



712D40



6F3228

Triad

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



712D40



334B19



004C71

Complementary

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



712D40



2D715E

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.



004F60



712D40



064E2F

Square

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



712D40



4D440E



005048



194575

Rectangle

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



712D40



67381B



005048



004D6D

Sweetspot

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



712D40



947981



5E2D71



4A3A3E



C9C9C9



4A4A4A

Same Dimension

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



712D40



942947



713C2D



383234



780021



F70045

Inverse Universe

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



712D40



942947



2D6271



383234



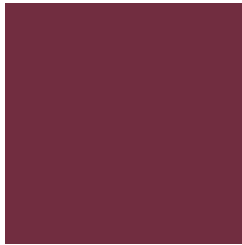
780021



F70045

Previews

White Background



This preview shows how the Hex color 712D40 looks on a white background.

Color Contrast Check

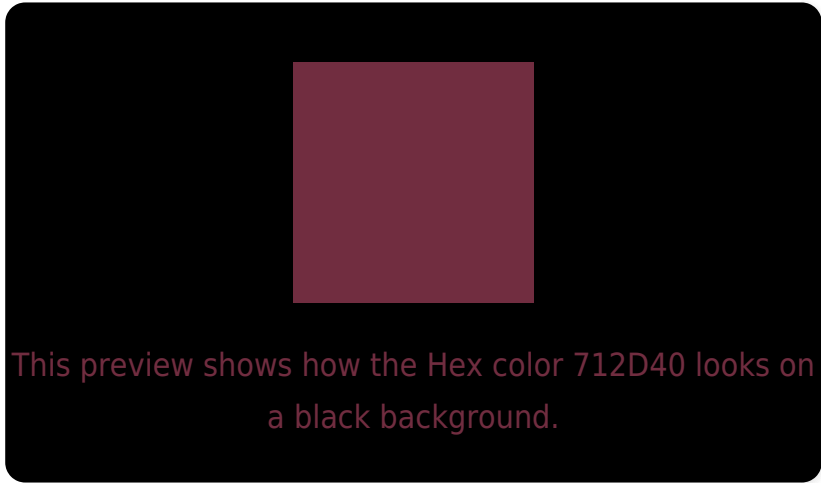
Large Text (above 18pt) WCAG AA ✓ Pass

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

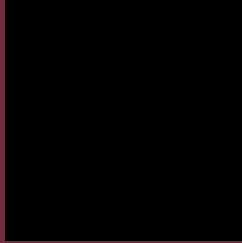
Any Text WCAG AA × Fail

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 712D40 Background



This preview shows how black text looks on a background with the Hex color 712D40.



This preview shows how white text looks on a background with the Hex color 712D40.

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
712D40

Protanopia
43444D

Deuteranopia
4E423D



Tritanopia
703033

Trichromacy



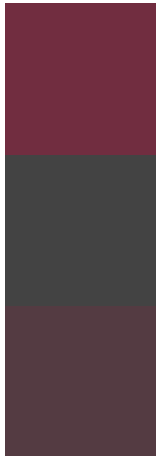
Original Color
712D40

Protanomaly
543C48

Deuteranomaly
5B3A3E

Tritanomaly
702F38

Monochromacy



Original Color
712D40

Achromatopsia
434343

Achromatomaly
543B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 712D40 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 #712D40 looks like.

```
.text, #text, p{  
    color:#712D40  
}
```

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 #712D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712D40
}
```

Border

The CSS property to change the border of an element to Hex 712D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

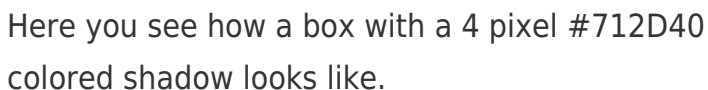
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712D40 }
```

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

```
.border{ border-color:#712D40 }
```

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



Here you see how a box with a 4 pixel #712D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712D40; -webkit-box-shadow:4px 4px  
4px 4px #712D40; box-shadow:4px 4px 4px  
4px #712D40 }
```

Background

The CSS property to change the background color of an element to Hex 712D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712D40 }
```

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

```
.background{ background-color:#712D40 }
```

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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