

Converting Colors

Hex(702D44)

Have a look what the booklet for
Hex(702D44) contains.

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Color

Hex(702D44)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 702D44 |
| RGB | 112, 45, 68 |
| RGB Percent | 44%, 18%, 27% |
| CMY | 0.5608, 0.8235, 0.7333 |
| CMYK | 0.00, 0.60, 0.39, 0.56 |
| HSL | 339°, 43%, 31% |
| HSV | 339°, 60%, 44% |
| XYZ | 8.6639, 5.7389, 6.1199 |
| YIQ | 67.6550, 32.5490, 21.3570 |

Conversions

Conversions Part 2

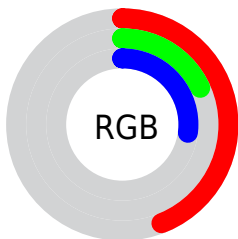
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 112, 45, 68 |
| Decimal | 7351620 |
| CIE _{Lab} | 28.74, 32.16, 0.53 |
| CIE _{LCh} | 29, 32.166, 0.950 |
| Yxy | 5.7389, 0.4222, 0.2796 |
| Android (android.graphics.Color) | 4285541700 (0xFF702D44) |
| YUV | 67.6550, 0.1701, 38.8906 |
| Hunter-Lab | 23.9559, 22.6331, 1.6226 |

Details

The Hex color **702D44** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D7059**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A65E74**, and **3C0019** is the 20% darker color. If you saturate the color by 10%, you get **70223D**, and if you desaturate by 10%, it is **70384B**.

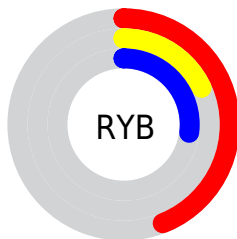
Distribution



Red (44%)

Green (18%)

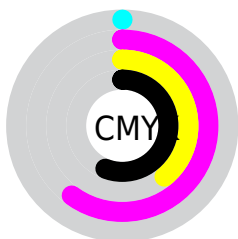
Blue (27%)



Red (44%)

Yellow (18%)

Blue (27%)

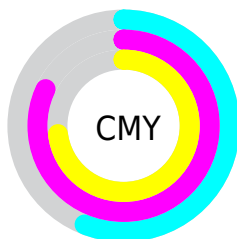


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (56%)



Cyan (56%)

Magenta (82%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702D44 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 702D44 by changing the saturation by 10% instead.

 702D44

 702D44

FFFFFF

 56142E

 A65E74

 3C0019

 C2778D

 280001

 DF92A8

 000000

 FCADC3

 FFC8DF

 FFE5FC

 702D44

 702D44

 70223D

 70384B

701735

704353

700B2E

704F5A

700027

705A61

700026

706569

707070

707B77

70877F

709286

Harmonies

Analogous

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



63335C



702D44



70302C

Triad

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



702D44



374A16



004C6F

Complementary

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



702D44



2D7059

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.



004F5D



702D44



124E2B

Square

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



702D44



50430E



005044



054675

Rectangle

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



702D44



69361E



005044



004E6A

Sweetspot

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



702D44



917780



592D70



4A3A3F



C9C9C9



4A4A4A

Same Dimension

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



702D44



91294D



70372D



383234



780029



F70055

Inverse Universe

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



702D44



91294D



2D6670



383234



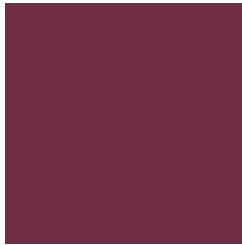
780029



F70055

Previews

White Background



This preview shows how the Hex color 702D44 looks on a white background.

Color Contrast Check

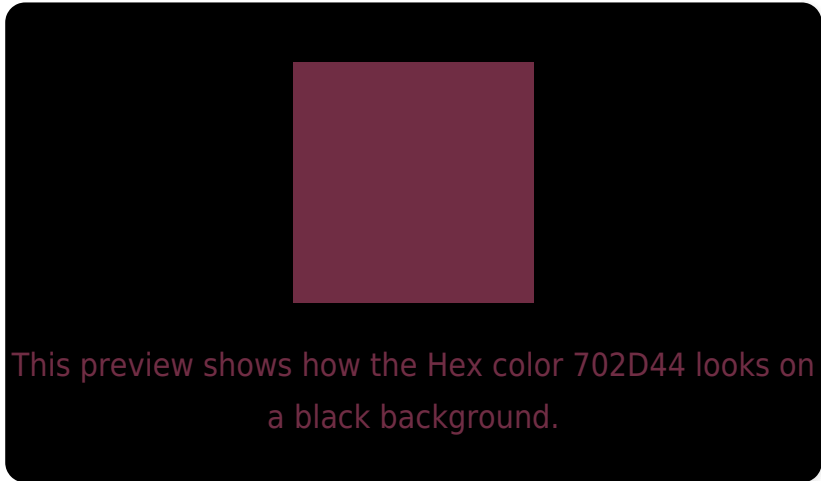
Large Text (above 18pt) WCAG AA ✓ Pass

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

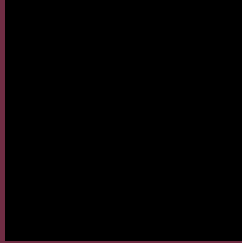
Any Text WCAG AA × Fail

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 702D44 Background



This preview shows how black text looks on a background with the Hex color 702D44.



This preview shows how white text looks on a background with the Hex color 702D44.

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
702D44

Protanopia
424452

Deuteranopia
4D4241



Tritanopia
6F3034

Trichromacy



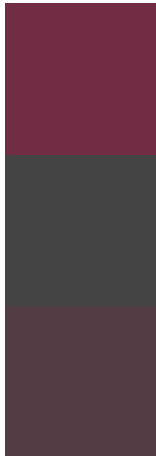
Original Color
702D44

Protanomaly
533C4D

Deuteranomaly
5A3A42

Tritanomaly
6F2F3A

Monochromacy



Original Color
702D44

Achromatopsia
444444

Achromatomaly
543C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 702D44 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 #702D44 looks like.

```
.text, #text, p{  
    color:#702D44  
}
```

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 #702D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702D44
}
```

Border

The CSS property to change the border of an element to Hex 702D44 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
#702D44 }
```

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

```
.border{ border-color:#702D44 }
```

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

Here you see how a box with a 4 pixel #702D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702D44; -webkit-box-shadow:4px 4px  
4px 4px #702D44; box-shadow:4px 4px 4px  
4px #702D44 }
```

Background

The CSS property to change the background color of an element to Hex 702D44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702D44 }
```

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

```
.background{ background-color:#702D44 }
```

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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