

Converting Colors

Hex(702455)

Have a look what the booklet for
Hex(702455) contains.

Hex(702455)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(702455)

Conversions

Conversions Part 1

Format	Color
Hex	702455
RGB	112, 36, 85
RGB Percent	44%, 14%, 33%
CMY	0.5608, 0.8588, 0.6667
CMYK	0.00, 0.68, 0.24, 0.56
HSL	321°, 51%, 29%
HSV	321°, 68%, 44%
XYZ	8.9527, 5.3624, 9.1575
YIQ	64.3100, 29.5670, 31.3510

Conversions

Conversions Part 2

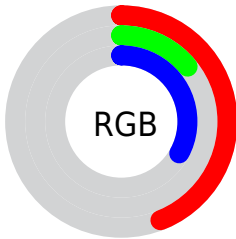
Format	Color
R_{YB}	112, 36, 85
Decimal	7349333
CIE _{Lab}	27.74, 38.95, -12.21
CIE _{LCh}	28, 40.816, 342.598
Yxy	5.3624, 0.3814, 0.2285
Android (android.graphics.Color)	4285539413 (0xFF702455)
YUV	64.3100, 10.2002, 41.8241
Hunter-Lab	23.1568, 28.4856, -7.2369

Details

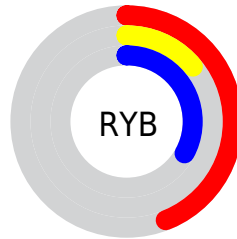
The Hex color **702455** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **24703F**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A65687**, and **3D0028** is the 20% darker color. If you saturate the color by 10%, you get **701951**, and if you desaturate by 10%, it is **702F59**.

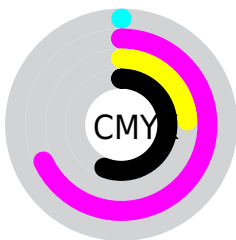
Distribution



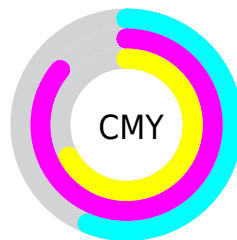
- Red (44%)
- Green (14%)
- Blue (33%)



- Red (44%)
- Yellow (14%)
- Blue (33%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (56%)



- Cyan (56%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702455 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 702455 by changing the saturation by 10% instead.

 702455

 702455

FFFFFF

 56063E

 A65687

 3D0028

 C270A1

 270013

 DF8BBC

 000000

 FCA6D8

 FFC1F4

 FFDEFF

 FFFBFF

 702455

 702455

701951

702F59

700E4D

703A5D

700249

704661

700048

705165

705C69

70676D

707271

707E75

708979

Harmonies

Analogous

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



533370



702455



792036

Triad

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



702455



444400



004F6B

Complementary

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



702455



24703F

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.



00504E



702455



1F4B0E

Square

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



702455



5F3900



004F2E



004A7D

Rectangle

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



702455



762622



004F2E



004F63

Sweetspot

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



702455



917487



3F2470



4A3844



C9C9C9



4A4A4A

Same Dimension

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



702455



911C68



70242F



383236



78004D



F7009F

Inverse Universe

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



702455



911C68



247065



383236



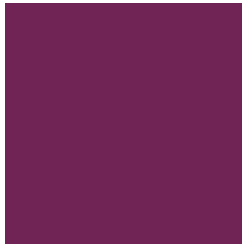
78004D



F7009F

Previews

White Background



This preview shows how the Hex color 702455 looks on a white background.

Color Contrast Check

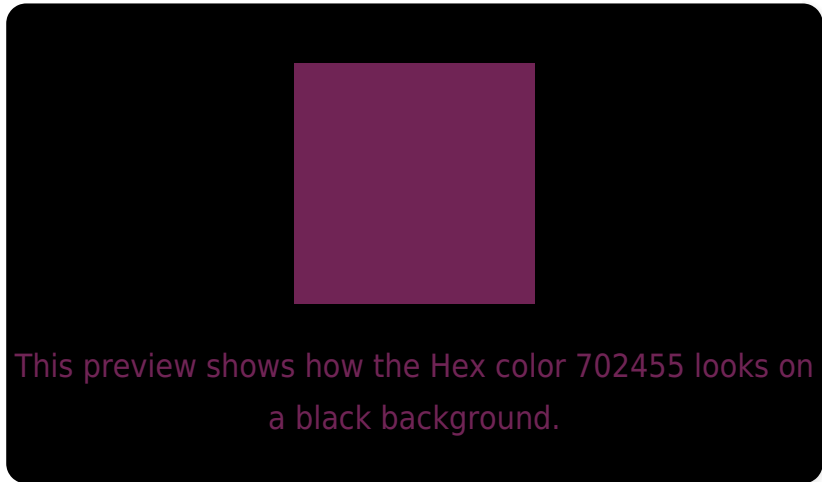
Large Text (above 18pt) WCAG AA ✓ Pass

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

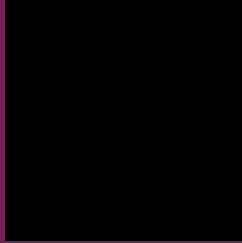
Any Text WCAG AA × Fail

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 702455 Background



This preview shows how black text looks on a background with the Hex color 702455.



This preview shows how white text looks on a background with the Hex color 702455.

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
702455

Protanopia
32416B

Deuteranopia
424151



Tritanopia
6D2E31

Trichromacy



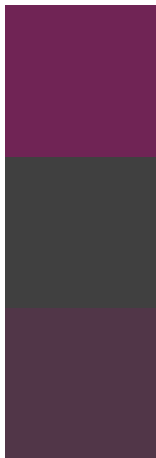
Original Color
702455

Protanomaly
493663

Deuteranomaly
533652

Tritanomaly
6E2A3E

Monochromacy



Original Color
702455

Achromatopsia
404040

Achromatomaly
513648

CSS Examples

Text

The CSS property to change the color of the text to Hex 702455 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 #702455 looks like.

```
.text, #text, p{  
    color:#702455  
}
```

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 #702455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702455  
}
```

Border

The CSS property to change the border of an element to Hex 702455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

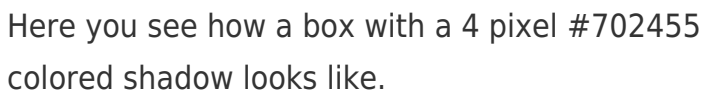
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#702455 }
```

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

```
.border{ border-color:#702455 }
```

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



Here you see how a box with a 4 pixel #702455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702455; -webkit-box-shadow:4px 4px  
4px 4px #702455; box-shadow:4px 4px 4px  
4px #702455 }
```

Background

The CSS property to change the background color of an element to Hex 702455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702455 }
```

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

```
.background{ background-color:#702455 }
```

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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