

Converting Colors

Hex(782A45)

Have a look what the booklet for
Hex(782A45) contains.

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Color

Hex(782A45)

Conversions

Conversions Part 1

Format	Color
Hex	782A45
RGB	120, 42, 69
RGB Percent	47%, 16%, 27%
CMY	0.5294, 0.8353, 0.7294
CMYK	0.00, 0.65, 0.43, 0.53
HSL	339°, 48%, 32%
HSV	339°, 65%, 47%
XYZ	9.6479, 6.0787, 6.2950
YIQ	68.4000, 37.8210, 24.9330

Conversions

Conversions Part 2

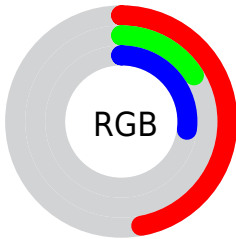
Format	Color
R_{YB}	120, 42, 69
Decimal	7875141
CIE _{Lab}	29.61, 36.64, 1.30
CIE _{LCh}	30, 36.667, 2.037
Yxy	6.0787, 0.4381, 0.2760
Android (android.graphics.Color)	4286065221 (0xFF782A45)
YUV	68.4000, 0.2958, 45.2532
Hunter-Lab	24.6550, 26.7037, 2.1203

Details

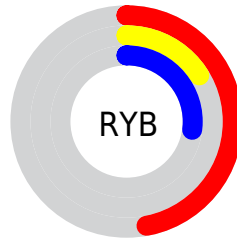
The Hex color **782A45** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2A785D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AF5C75**, and **43001A** is the 20% darker color. If you saturate the color by 10%, you get **781E3D**, and if you desaturate by 10%, it is **78364D**.

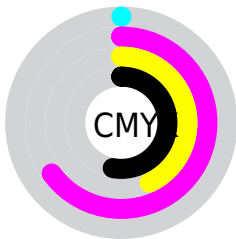
Distribution



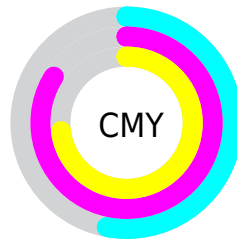
- Red (47%)
- Green (16%)
- Blue (27%)



- Red (47%)
- Yellow (16%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782A45 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 782A45 by changing the saturation by 10% instead.

782A45

782A45

FFFFFF

5D0F2F

AF5C75

43001A

CC768F

2E0002

E990A9

000000

FFABC4

FFC7E0

FFE4FD

782A45

782A45

781E3D

78364D

 781235

 784255

 78062D

 784E5D

 78002A

 785A64

 78666C

 787274

 787E7C

 788A84

 78968C

Harmonies

Analogous

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



693161



782A45



772F29

Triad

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



782A45



354D11



005078

Complementary

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



782A45



2A785D

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.



005363



782A45



00512A

Square

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



782A45



524505



005347



00487F

Rectangle

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



782A45



6F3619



005347



005172

Sweetspot

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



782A45



9C7C87



5D2A78



4F3C43



CFCFCF



4F4F4F

Same Dimension

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



782A45



9C224C



78362A



3D3739



7D002B



FC0057

Inverse Universe

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



782A45



9C224C



2A6C78



3D3739



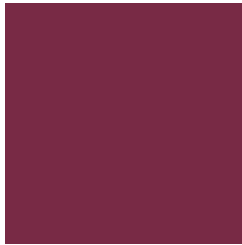
7D002B



FC0057

Previews

White Background



This preview shows how the Hex color 782A45 looks on a white background.

Color Contrast Check

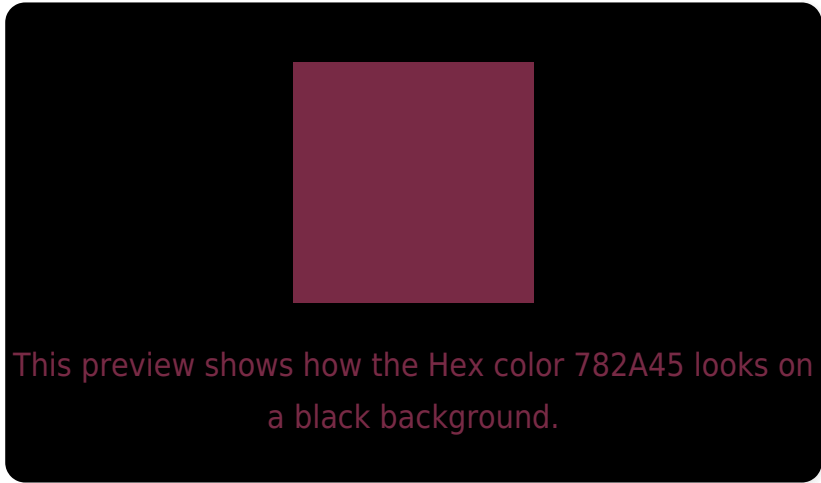
Large Text (above 18pt) WCAG AA ✓ Pass

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

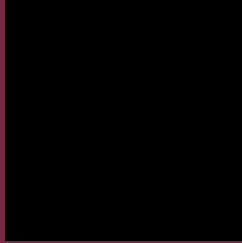
Any Text WCAG AA × Fail

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 782A45 Background



This preview shows how black text looks on a background with the Hex color 782A45.

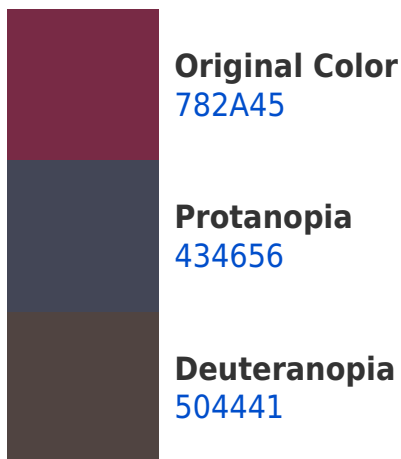


This preview shows how white text looks on a background with the Hex color 782A45.

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
772E31

Trichromacy



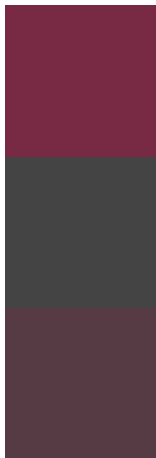
Original Color
782A45

Protanomaly
563C50

Deuteranomaly
5F3B42

Tritanomaly
772D38

Monochromacy



Original Color
782A45

Achromatopsia
444444

Achromatomaly
573B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 782A45 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 #782A45 looks like.

```
.text, #text, p{  
    color:#782A45  
}
```

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 #782A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782A45
}
```

Border

The CSS property to change the border of an element to Hex 782A45 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".

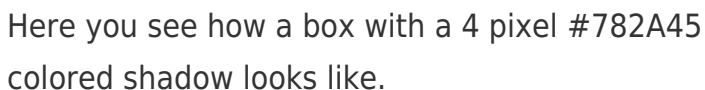
```
.border, #border, table{ border:4px solid
#782A45 }
```

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

```
.border{ border-color:#782A45 }
```

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

Here you see how a box with a 4 pixel #782A45 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782A45; -webkit-box-shadow:4px 4px  
4px 4px #782A45; box-shadow:4px 4px 4px  
4px #782A45 }
```

Background

The CSS property to change the background color of an element to Hex 782A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782A45 }
```

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

```
.background{ background-color:#782A45 }
```

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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