

Converting Colors

Hex(782147)

Have a look what the booklet for
Hex(782147) contains.

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Color

Hex(782147)

Conversions

Conversions Part 1

Format	Color
Hex	782147
RGB	120, 33, 71
RGB Percent	47%, 13%, 28%
CMY	0.5294, 0.8706, 0.7216
CMYK	0.00, 0.72, 0.41, 0.53
HSL	334°, 57%, 30%
HSV	334°, 72%, 47%
XYZ	9.4269, 5.5357, 6.5329
YIQ	63.3450, 39.6540, 30.2620

Conversions

Conversions Part 2

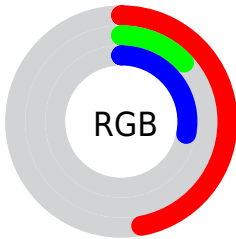
Format	Color
R_{YB}	120, 33, 71
Decimal	7872839
CIE Lab	28.21, 40.89, -2.07
CIE LCh	28, 40.939, 357.097
Yxy	5.5357, 0.4386, 0.2575
Android (android.graphics.Color)	4286062919 (0xFF782147)
YUV	63.3450, 3.7739, 49.6864
Hunter-Lab	23.5281, 30.3448, 0.0070

Details

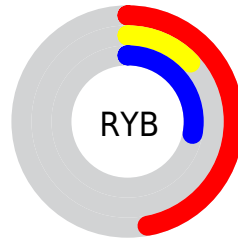
The Hex color **782147** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **217852**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B05577**, and **43001C** is the 20% darker color. If you saturate the color by 10%, you get **781540**, and if you desaturate by 10%, it is **782D4E**.

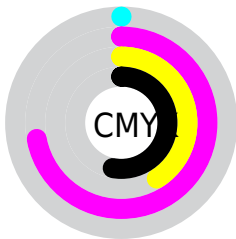
Distribution



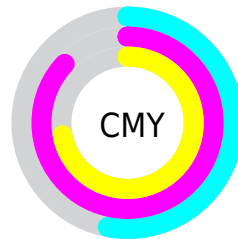
- Red (47%)
- Green (13%)
- Blue (28%)



- Red (47%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (72%)
- Yellow (41%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782147 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 782147 by changing the saturation by 10% instead.

 782147

 782147

FFFFFF

 5D0131

 B05577

 43001C

 CC6F91

 2D0001

 E989AB

 000000

 FFA4C7

 FFC0E3

 FFD0FF

 FFF9FF

 782147

 782147

■ 781540

■ 782D4E

■ 780939

■ 783955

■ 780034

■ 78455B

■ 785162

■ 785D69

■ 786970

■ 787576

■ 78817D

■ 788D84

Harmonies

Analogous

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



652C65



782147



792528

Triad

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



782147



354900



004E77

Complementary

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



782147



217852

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.



00515E



782147



004E1E

Square

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



782147



544000



00513E



004782

Rectangle

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



782147



712E15



00513E



004F70

Sweetspot

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



782147



9C7988



512178



4F3A43



CFCFCF



4F4F4F

Same Dimension

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



782147



9C144F



782521



3D373A



7D0037



FC006E

Inverse Universe

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



782147



9C144F



217478



3D373A



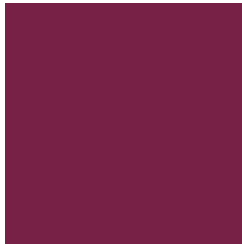
7D0037



FC006E

Previews

White Background



This preview shows how the Hex color 782147 looks on a white background.

Color Contrast Check

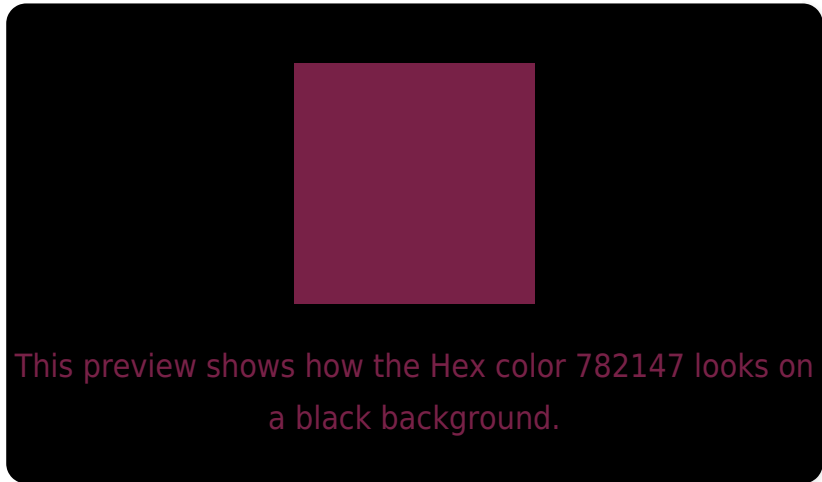
Large Text (above 18pt) WCAG AA ✓ Pass

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 782147 Background



This preview shows how black text looks on a background with the Hex color 782147.



This preview shows how white text looks on a background with the Hex color 782147.

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
782147

Protanopia
3D435C

Deuteranopia
4B4243



Tritanopia
76282B

Trichromacy



Original Color

782147

Protanomaly

523754

Deuteranomaly

5B3644

Tritanomaly

772535

Monochromacy



Original Color

782147

Achromatopsia

3F3F3F

Achromatomaly

543442

CSS Examples

Text

The CSS property to change the color of the text to Hex 782147 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 #782147 looks like.

```
.text, #text, p{  
    color:#782147  
}
```

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 #782147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782147
}
```

Border

The CSS property to change the border of an element to Hex 782147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

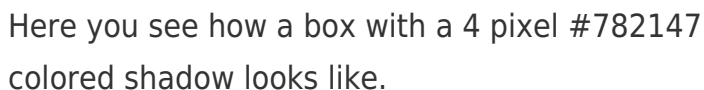
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782147 }
```

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

```
.border{ border-color:#782147 }
```

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



Here you see how a box with a 4 pixel #782147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782147; -webkit-box-shadow:4px 4px  
4px 4px #782147; box-shadow:4px 4px 4px  
4px #782147 }
```

Background

The CSS property to change the background color of an element to Hex 782147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782147 }
```

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

```
.background{ background-color:#782147 }
```

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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