

Converting Colors

Hex(782055)

Have a look what the booklet for
Hex(782055) contains.

Hex(782055)	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(782055)

Conversions

Conversions Part 1

Format	Color
Hex	782055
RGB	120, 32, 85
RGB Percent	47%, 13%, 33%
CMY	0.5294, 0.8745, 0.6667
CMYK	0.00, 0.73, 0.29, 0.53
HSL	324°, 58%, 30%
HSV	324°, 73%, 47%
XYZ	9.9019, 5.6820, 9.1692
YIQ	64.3540, 35.4350, 35.1390

Conversions

Conversions Part 2

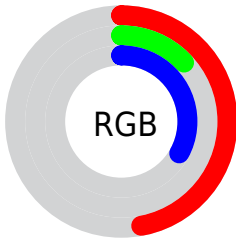
Format	Color
R_{YB}	120, 32, 85
Decimal	7872597
CIE _{Lab}	28.60, 43.05, -10.77
CIE _{LCh}	29, 44.375, 345.947
Yxy	5.6820, 0.4000, 0.2295
Android (android.graphics.Color)	4286062677 (0xFF782055)
YUV	64.3540, 10.1785, 48.8015
Hunter-Lab	23.8369, 32.4350, -6.1209

Details

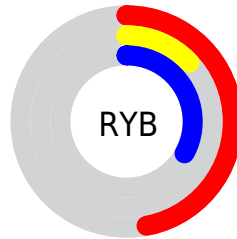
The Hex color **782055** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **207843**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AF5487**, and **430028** is the 20% darker color. If you saturate the color by 10%, you get **781450**, and if you desaturate by 10%, it is **782C5A**.

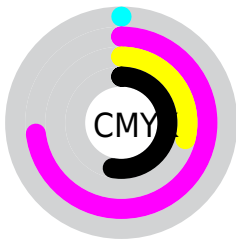
Distribution



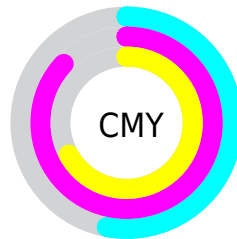
- Red (47%)
- Green (13%)
- Blue (33%)



- Red (47%)
- Yellow (13%)
- Blue (33%)



- Cyan (0%)
- Magenta (73%)
- Yellow (29%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782055 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 782055 by changing the saturation by 10% instead.

 782055

 782055

FFFFFF

 5D003E

 AF5487

 430028

 CC6EA1

 2D0013

 E989BC

 000000

 FFA4D8

 FFC0F4

 FFD0FF

 FFF9FF

 782055

 782055

781450

782C5A

78084B

78385F

780048

784463

785068

785C6D

786872

787476

78807B

788C80

Harmonies

Analogous

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



5B3174



782055



7F1E33

Triad

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



782055



424700



005174

Complementary

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



782055



207843

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.



005355



782055



154E0D

Square

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



782055



603C00



005232



004C86

Rectangle

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



782055



7B271D



005232



00526B

Sweetspot

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



782055



9C798E



422078



4F3A47



CFCFCF



4F4F4F

Same Dimension

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



782055



9C1365



78202A



3D373B



7D004B



FC0098

Inverse Universe

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



782055



9C1365



20786E



3D373B



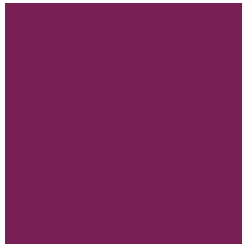
7D004B



FC0098

Previews

White Background



This preview shows how the Hex color 782055 looks on a white background.

Color Contrast Check

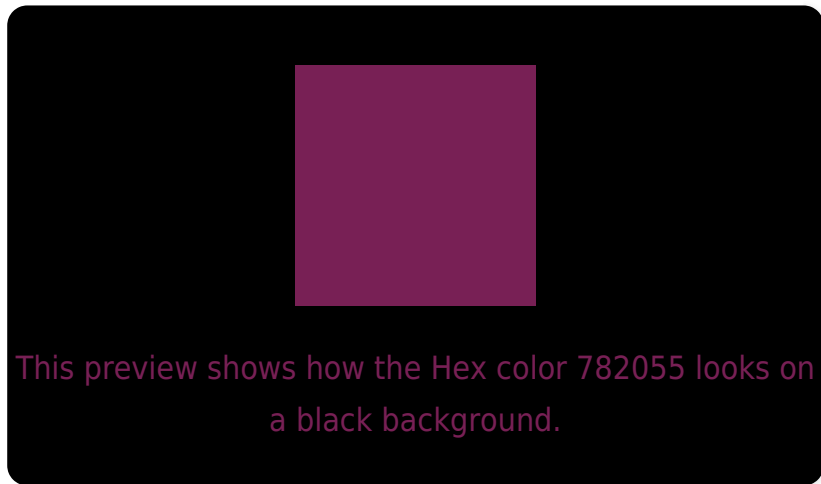
Large Text (above 18pt) WCAG AA ✓ Pass

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

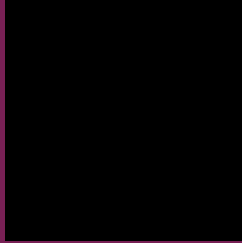
Any Text WCAG AA × Fail

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 782055 Background



This preview shows how black text looks on a background with the Hex color 782055.

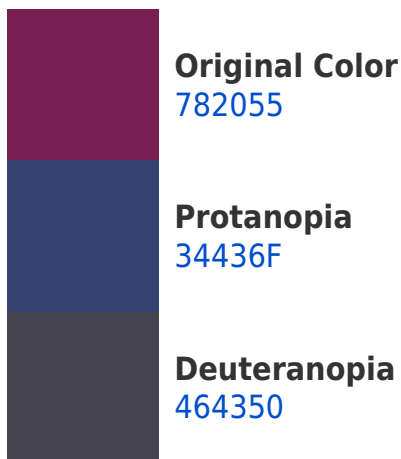


This preview shows how white text looks on a background with the Hex color 782055.

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
752B2E

Trichromacy



Original Color
782055

Protanomaly
4D3666

Deuteranomaly
583652

Tritanomaly
76273C

Monochromacy



Original Color
782055

Achromatopsia
404040

Achromatomaly
543448

CSS Examples

Text

The CSS property to change the color of the text to Hex 782055 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 #782055 looks like.

```
.text, #text, p{  
    color:#782055  
}
```

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 #782055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782055
}
```

Border

The CSS property to change the border of an element to Hex 782055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

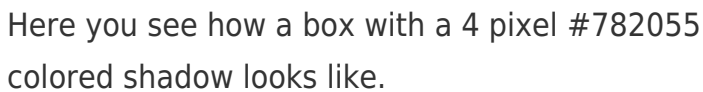
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#782055 }
```

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

```
.border{ border-color:#782055 }
```

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



Here you see how a box with a 4 pixel #782055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782055; -webkit-box-shadow:4px 4px  
4px 4px #782055; box-shadow:4px 4px 4px  
4px #782055 }
```

Background

The CSS property to change the background color of an element to Hex 782055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782055 }
```

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

```
.background{ background-color:#782055 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor