

Converting Colors

Hex(78345D)

Have a look what the booklet for
Hex(78345D) contains.

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Color

Hex(78345D)

Conversions

Conversions Part 1

Format	Color
Hex	78345D
RGB	120, 52, 93
RGB Percent	47%, 20%, 36%
CMY	0.5294, 0.7961, 0.6353
CMYK	0.00, 0.57, 0.22, 0.53
HSL	324°, 40%, 34%
HSV	324°, 57%, 47%
XYZ	10.9495, 7.2394, 11.1762
YIQ	77.0060, 27.3670, 27.1670

Conversions

Conversions Part 2

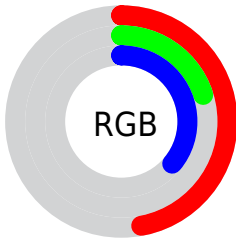
Format	Color
R_{YB}	120, 52, 93
Decimal	7877725
CIE _{Lab}	32.35, 34.90, -10.29
CIE _{LCh}	32, 36.387, 343.576
Yxy	7.2394, 0.3729, 0.2465
Android (android.graphics.Color)	4286067805 (0xFF78345D)
YUV	77.0060, 7.8850, 37.7057
Hunter-Lab	26.9061, 25.5555, -5.7934

Details

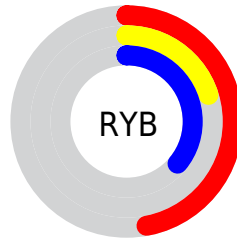
The Hex color **78345D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **34784F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **AE668F**, and **45002F** is the 20% darker color. If you saturate the color by 10%, you get **782858**, and if you desaturate by 10%, it is **784062**.

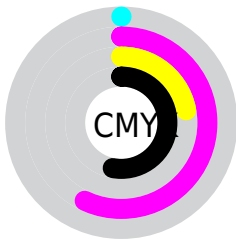
Distribution



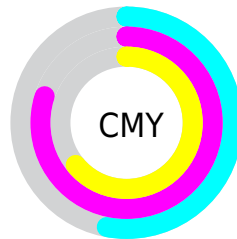
- Red (47%)
- Green (20%)
- Blue (36%)



- Red (47%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (57%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78345D 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 78345D by changing the saturation by 10% instead.

78345D

78345D

FFFFFF

5E1B45

AE668F

45002F

CA80AA

2E001B

E79AC5

050000

FFB5E1

000000

FFD1FE

FFEEFF

78345D

78345D

782858

784062

781C53

784C67

78104F

78586B

78044A

786470

780048

787075

787C7A

78887E

789483

78A088

Harmonies

Analogous

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



5E3F76



78345D



803240

Triad

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



78345D



4F4F0E



005873

Complementary

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



78345D



34784F

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.



005A59



78345D



2F5520

Square

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



78345D



684512



00593B



005483

Rectangle

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



78345D



7D362E



00593B



00596B

Sweetspot

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



78345D



9C8191



4E3478



4F3F49



CFCFCF



4F4F4F

Same Dimension

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



78345D



9C3272



78343C



3D373B



7D004B



FC0098

Inverse Universe

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



78345D



9C3272



347870



3D373B



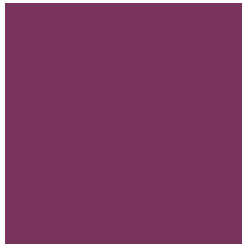
7D004B



FC0098

Previews

White Background



This preview shows how the Hex color 78345D looks on a white background.

Color Contrast Check

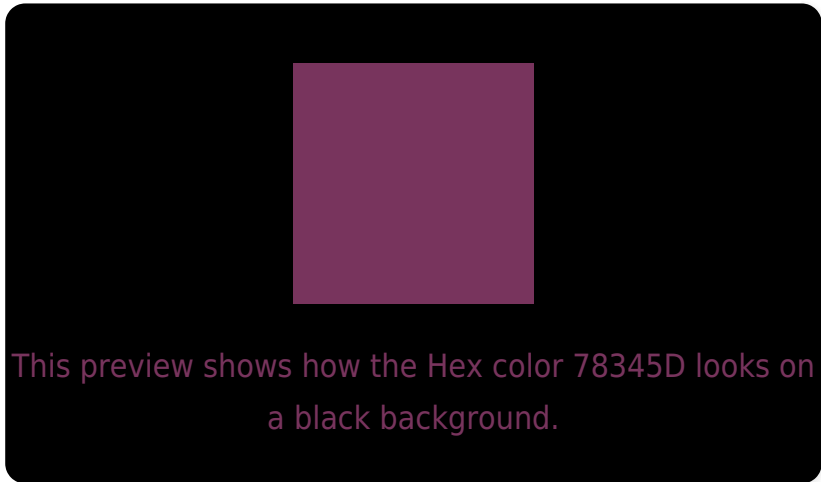
Large Text (above 18pt) WCAG AA ✓ Pass

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

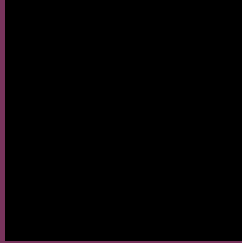
Any Text WCAG AA × Fail

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 78345D Background



This preview shows how black text looks on a background with the Hex color 78345D.



This preview shows how white text looks on a background with the Hex color 78345D.

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
78345D

Protanopia
424C6E

Deuteranopia
4E4B59



Tritanopia
753B3F

Trichromacy



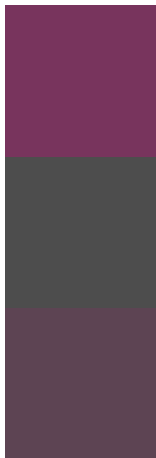
Original Color
78345D

Protanomaly
564368

Deuteranomaly
5D435A

Tritanomaly
76384A

Monochromacy



Original Color
78345D

Achromatopsia
4D4D4D

Achromatomaly
5D4453

CSS Examples

Text

The CSS property to change the color of the text to Hex 78345D 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 #78345D looks like.

```
.text, #text, p{  
    color:#78345D  
}
```

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 #78345D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78345D
}
```

Border

The CSS property to change the border of an element to Hex 78345D is called "border". The border property can be set on classes, ids or directly on the HTML element.

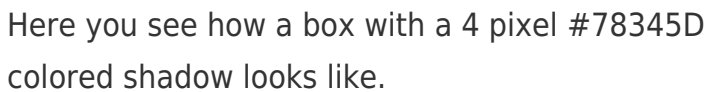
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78345D }
```

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

```
.border{ border-color:#78345D }
```

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



Here you see how a box with a 4 pixel #78345D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78345D; -webkit-box-shadow:4px 4px  
4px 4px #78345D; box-shadow:4px 4px 4px  
4px #78345D }
```

Background

The CSS property to change the background color of an element to Hex 78345D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78345D }
```

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

```
.background{ background-color:#78345D }
```

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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