

Converting Colors

Hex(90457E)

Have a look what the booklet for
Hex(90457E) contains.

Hex(90457E)	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(90457E)

Conversions

Conversions Part 1

Format	Color
Hex	90457E
RGB	144, 69, 126
RGB Percent	56%, 27%, 49%
CMY	0.4353, 0.7294, 0.5059
CMYK	0.00, 0.52, 0.12, 0.44
HSL	314°, 35%, 42%
HSV	314°, 52%, 56%
XYZ	17.3956, 11.6919, 21.0786
YIQ	97.9230, 26.4030, 33.6270

Conversions

Conversions Part 2

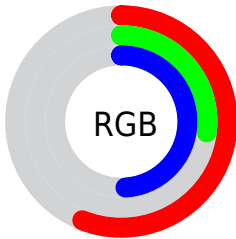
Format	Color
R_{YB}	144, 69, 126
Decimal	9454974
CIE _{Lab}	40.72, 39.39, -17.90
CIE _{LCh}	41, 43.266, 335.560
Yxy	11.6919, 0.3468, 0.2331
Android (android.graphics.Color)	4287645054 (0xFF90457E)
YUV	97.9230, 13.8420, 40.4095
Hunter-Lab	34.1934, 30.9719, -12.6140

Details

The Hex color **90457E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **459057**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **C878B3**, and **5B114D** is the 20% darker color. If you saturate the color by 10%, you get **90377B**, and if you desaturate by 10%, it is **905381**.

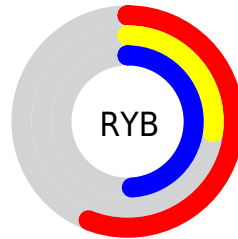
Distribution



Red (56%)

Green (27%)

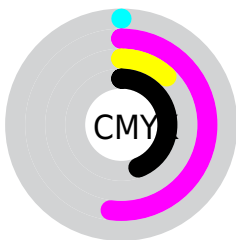
Blue (49%)



Red (56%)

Yellow (27%)

Blue (49%)

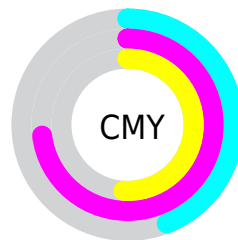


Cyan (0%)

Magenta (52%)

Yellow (12%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90457E 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 90457E by changing the saturation by 10% instead.

90457E

90457E

FFFFFF

752C65

C878B3

5B114D

E493CE

420036

FFAEEB

2D0021

FFCAFF

000005

FFE6FF

000000

90457E

90457E

90377B

905381

902877

906285

901A74

907088

900B70

907F8C

90006D

908D8F

909B93

90AA96

90B89A

90C79D

Harmonies

Analogous

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



6A549A



90457E



A03E5B

Triad

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



90457E



6C6011



007088

Complementary

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



90457E



459057

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.



007166



90457E



476A22

Square

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



90457E



89531D



006F41



006BA0

Rectangle

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



90457E



9F4244



006F41



00717E

Sweetspot

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



90457E



BA9CB3



564590



5E4C5A



DEDEDE



5E5E5E

Same Dimension

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



90457E



BA459E



904559



474046



870067



080006

Inverse Universe

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



90457E



BA459E



45907C



474046



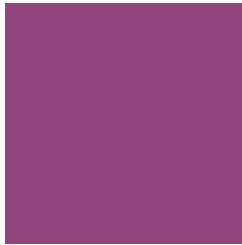
870067



080006

Previews

White Background



This preview shows how the Hex color 90457E looks on a white background.

Color Contrast Check

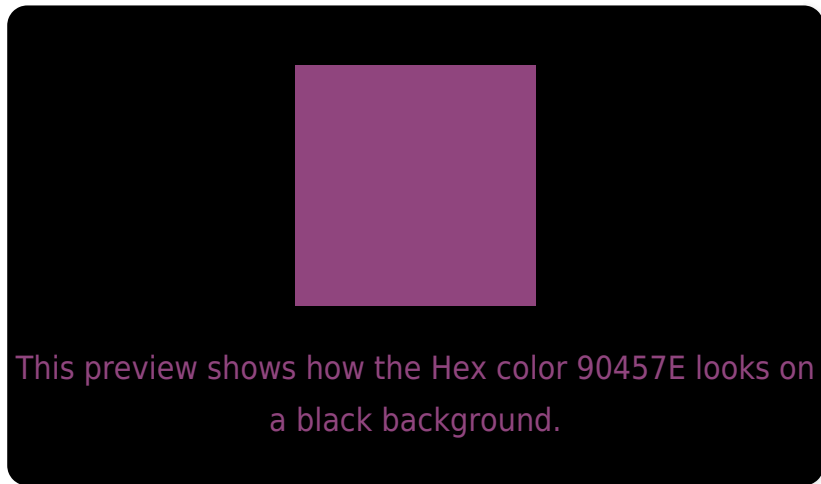
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

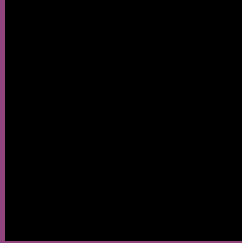
Any Text WCAG AA × Fail

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 90457E Background



This preview shows how black text looks on a background with the Hex color 90457E.

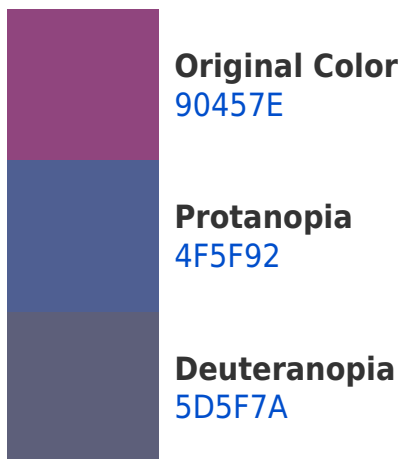


This preview shows how white text looks on a background with the Hex color 90457E.

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](#).

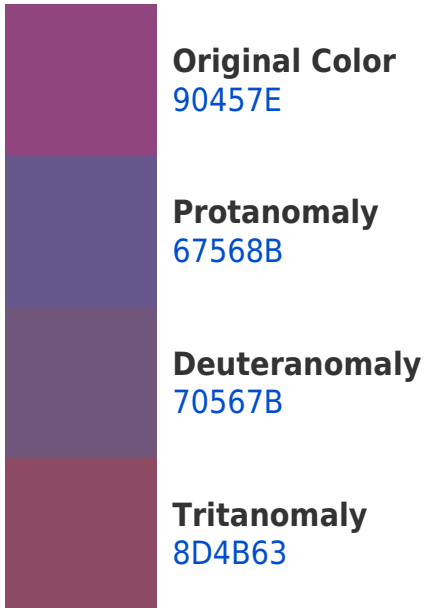
Dichromacy



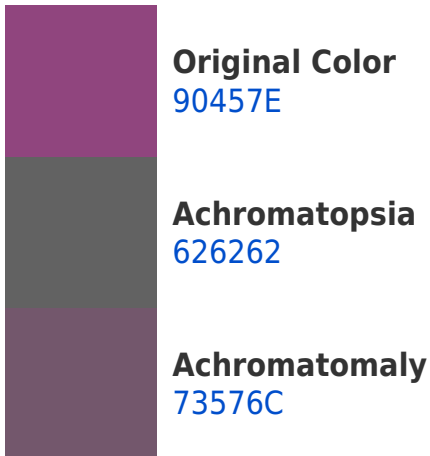


Tritanopia
8C4F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90457E 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 #90457E looks like.

```
.text, #text, p{  
    color:#90457E  
}
```

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 #90457E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90457E
}
```

Border

The CSS property to change the border of an element to Hex 90457E is called "border". The border property can be set on classes, ids or directly on the HTML element.

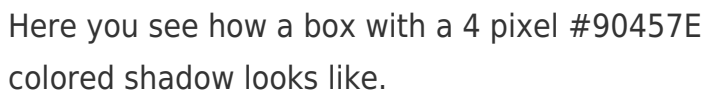
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90457E }
```

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

```
.border{ border-color:#90457E }
```

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



Here you see how a box with a 4 pixel #90457E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90457E; -webkit-box-shadow:4px 4px  
4px 4px #90457E; box-shadow:4px 4px 4px  
4px #90457E }
```

Background

The CSS property to change the background color of an element to Hex 90457E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90457E }
```

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

```
.background{ background-color:#90457E }
```

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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