

Converting Colors

Hex(944D8E)

Have a look what the booklet for
Hex(944D8E) contains.

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Color

Hex(944D8E)

Conversions

Conversions Part 1

Format	Color
Hex	944D8E
RGB	148, 77, 142
RGB Percent	58%, 30%, 56%
CMY	0.4196, 0.6980, 0.4431
CMYK	0.00, 0.48, 0.04, 0.42
HSL	305°, 32%, 44%
HSV	305°, 48%, 58%
XYZ	19.7491, 13.5566, 27.1670
YIQ	105.6390, 21.4510, 35.2670

Conversions

Conversions Part 2

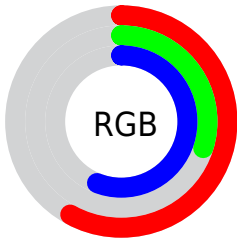
Format	Color
R_{YB}	148, 77, 142
Decimal	9719182
CIE _{Lab}	43.59, 39.29, -23.17
CIE _{LCh}	44, 45.613, 329.475
Yxy	13.5566, 0.3266, 0.2242
Android (android.graphics.Color)	4287909262 (0xFF944D8E)
YUV	105.6390, 17.9260, 37.1506
Hunter-Lab	36.8194, 31.3097, -17.9733

Details

The Hex color **944D8E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4D9453**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CC80C4**, and **5F1B5B** is the 20% darker color. If you saturate the color by 10%, you get **943E8D**, and if you desaturate by 10%, it is **945C8F**.

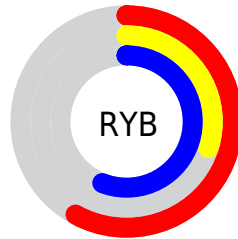
Distribution



Red (58%)

Green (30%)

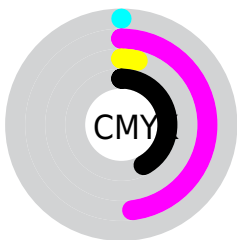
Blue (56%)



Red (58%)

Yellow (30%)

Blue (56%)

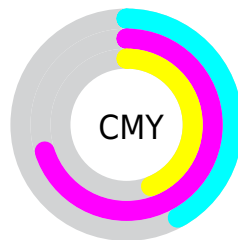


Cyan (0%)

Magenta (48%)

Yellow (4%)

Black (42%)



Cyan (42%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944D8E 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 944D8E by changing the saturation by 10% instead.

944D8E

944D8E

FFFFFF

793474

CC80C4

5F1B5B

E89BE0

460044

FFB7FD

2F002D

FFD3FF

100018

FFEFFF

000000

944D8E

944D8E

943E8D

945C8F

942F8B

946B91

94218A

947992

941289

948893

940388

949794

940087

94A696

94B597

94C398

94D299

Harmonies

Analogous

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



665DA9



944D8E



A94369

Triad

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



944D8E



7B6513



00798B

Complementary

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



944D8E



4D9453

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.



007965



944D8E



56701F

Square

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



944D8E



985625



1B763F



0075A8

Rectangle

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



944D8E



AC4550



1B763F



00797F

Sweetspot

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



944D8E



BFA4BD



534D94



615060



E0E0E0



616161

Same Dimension

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



944D8E



BF50B6



944D6B



4A4349



8A007E



0A0009

Inverse Universe

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



944D8E



BF50B6



4D9476



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 944D8E looks on a white background.

Color Contrast Check

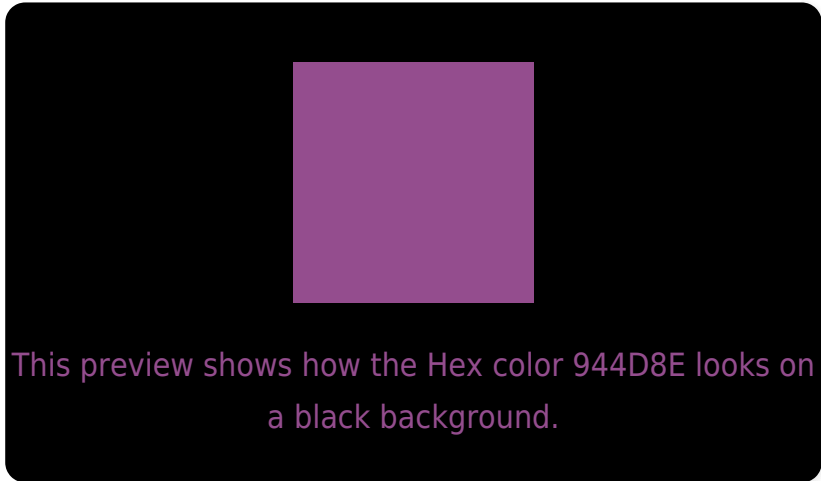
Large Text (above 18pt) WCAG AA ✓ Pass

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

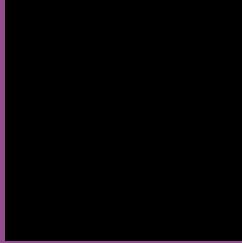
Any Text WCAG AA × Fail

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 944D8E Background



This preview shows how black text looks on a background with the Hex color 944D8E.

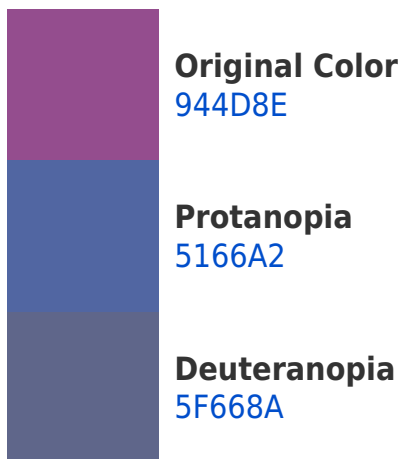


This preview shows how white text looks on a background with the Hex color 944D8E.

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
8E585E

Trichromacy



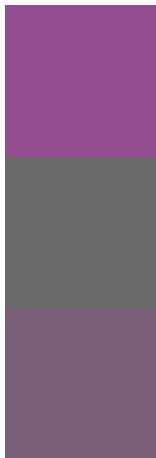
Original Color
944D8E

Protanomaly
695D9B

Deuteranomaly
725D8B

Tritanomaly
90546F

Monochromacy



Original Color
944D8E

Achromatopsia
6A6A6A

Achromatomaly
795F77

CSS Examples

Text

The CSS property to change the color of the text to Hex 944D8E 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 #944D8E looks like.

```
.text, #text, p{  
    color:#944D8E  
}
```

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 #944D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944D8E
}
```

Border

The CSS property to change the border of an element to Hex 944D8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

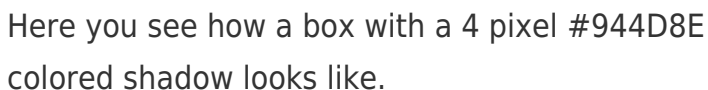
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944D8E }
```

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

```
.border{ border-color:#944D8E }
```

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



Here you see how a box with a 4 pixel #944D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944D8E; -webkit-box-shadow:4px 4px  
4px 4px #944D8E; box-shadow:4px 4px 4px  
4px #944D8E }
```

Background

The CSS property to change the background color of an element to Hex 944D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944D8E }
```

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

```
.background{ background-color:#944D8E }
```

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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