

Converting Colors

Hex(944186)

Have a look what the booklet for
Hex(944186) contains.

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Color

Hex(944186)

Conversions

Conversions Part 1

Format	Color
Hex	944186
RGB	148, 65, 134
RGB Percent	58%, 25%, 53%
CMY	0.4196, 0.7451, 0.4745
CMYK	0.00, 0.56, 0.09, 0.42
HSL	310°, 39%, 42%
HSV	310°, 56%, 58%
XYZ	18.4061, 11.7977, 23.8613
YIQ	97.6830, 27.3190, 39.0550

Conversions

Conversions Part 2

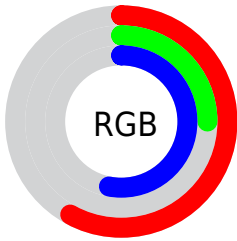
Format	Color
RYB	148, 65, 134
Decimal	9716102
CIELab	40.89, 44.05, -22.49
CIElCh	41, 49.456, 332.953
Yxy	11.7977, 0.3404, 0.2182
Android (android.graphics.Color)	4287906182 (0xFF944186)
YUV	97.6830, 17.9043, 44.1280
Hunter-Lab	34.3478, 35.5449, -17.1451

Details

The Hex color **944186** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **41944F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CC75BB**, and **5F0754** is the 20% darker color. If you saturate the color by 10%, you get **943284**, and if you desaturate by 10%, it is **945088**.

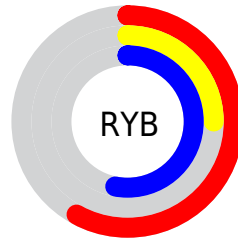
Distribution



Red (58%)

Green (25%)

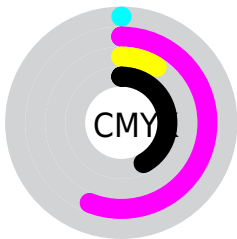
Blue (53%)



Red (58%)

Yellow (25%)

Blue (53%)

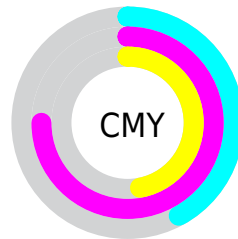


Cyan (0%)

Magenta (56%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944186 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 944186 by changing the saturation by 10% instead.

944186

944186

FFFFFF

79276D

CC75BB

5F0754

E990D7

45003D

FFABF4

2F0027

FFC7FF

050010

FFE3FF

000000

944186

944186

943284

945088

942381

945F8B

94157F

946D8D

94067C

947C90

94007B

948B92

949A95

94A997

94B79A

94C69C

Harmonies

Analogous

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



6554A5



944186



A8375E

Triad

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



944186



706000



00738C

Complementary

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



944186



41944F

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.



007363



944186



476B13

Square

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



944186



905014



007139



006EA8

Rectangle

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



944186



A83A43



007139



00737F

Sweetspot

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



944186



BF9FBA



4F4194



614E5E



E0E0E0



616161

Same Dimension

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



944186



BF3FAA



94415D



4A4349



8A0072



0A0008

Inverse Universe

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



944186



BF3FAA



419478



4A4349



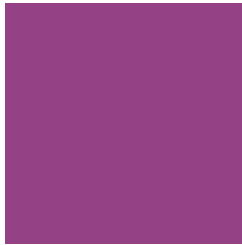
8A0072



0A0008

Previews

White Background



This preview shows how the Hex color 944186 looks on a white background.

Color Contrast Check

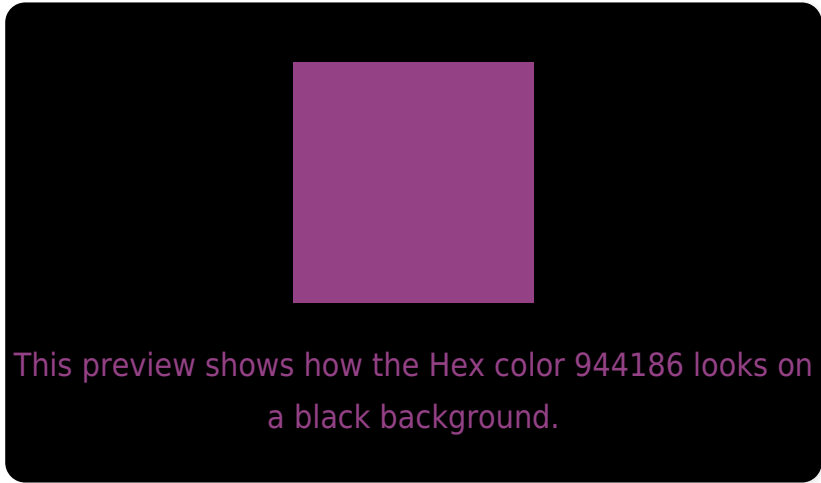
Large Text (above 18pt) WCAG AA ✓ Pass

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

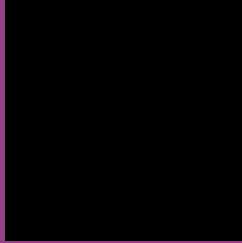
Any Text WCAG AA × Fail

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 944186 Background



This preview shows how black text looks on a background with the Hex color 944186.



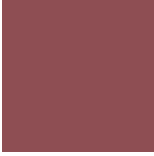
This preview shows how white text looks on a background with the Hex color 944186.

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](#).

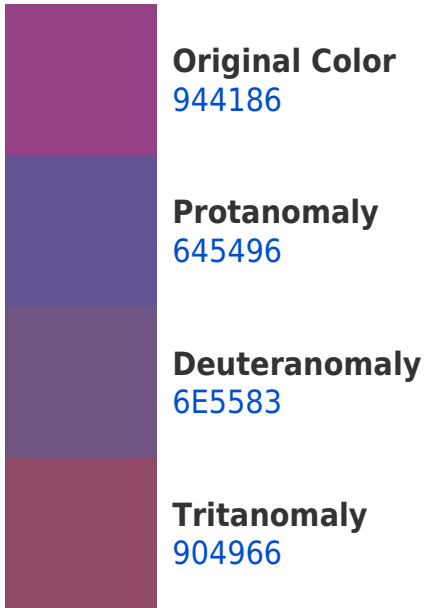
Dichromacy



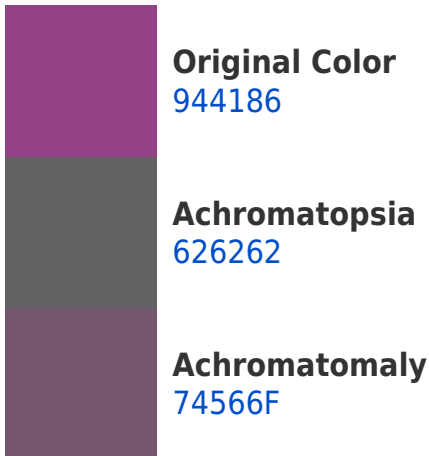


Tritanopia
8E4E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 944186 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 #944186 looks like.

```
.text, #text, p{  
    color:#944186  
}
```

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 #944186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944186
}
```

Border

The CSS property to change the border of an element to Hex 944186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

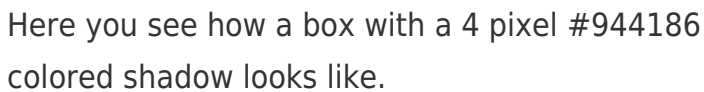
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944186 }
```

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

```
.border{ border-color:#944186 }
```

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



Here you see how a box with a 4 pixel #944186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944186; -webkit-box-shadow:4px 4px  
4px 4px #944186; box-shadow:4px 4px 4px  
4px #944186 }
```

Background

The CSS property to change the background color of an element to Hex 944186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944186 }
```

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

```
.background{ background-color:#944186 }
```

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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