

Converting Colors

Hex(944A88)

Have a look what the booklet for
Hex(944A88) contains.

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Color

Hex(944A88)

Conversions

Conversions Part 1

Format	Color
Hex	944A88
RGB	148, 74, 136
RGB Percent	58%, 29%, 53%
CMY	0.4196, 0.7098, 0.4667
CMYK	0.00, 0.50, 0.08, 0.42
HSL	310°, 33%, 44%
HSV	310°, 50%, 58%
XYZ	19.1055, 12.9710, 24.7892
YIQ	103.1940, 24.2020, 34.9700

Conversions

Conversions Part 2

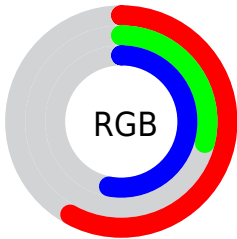
Format	Color
RYB	148, 74, 136
Decimal	9718408
CIELab	42.72, 39.79, -20.88
CIELCh	43, 44.939, 332.310
Yxy	12.9710, 0.3360, 0.2281
Android (android.graphics.Color)	4287908488 (0xFF944A88)
YUV	103.1940, 16.1734, 39.2949
Hunter-Lab	36.0153, 31.6641, -15.5984

Details

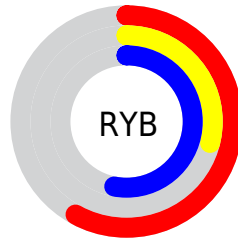
The Hex color **944A88** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4A9456**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CC7DBD**, and **5F1756** is the 20% darker color. If you saturate the color by 10%, you get **943B86**, and if you desaturate by 10%, it is **94598A**.

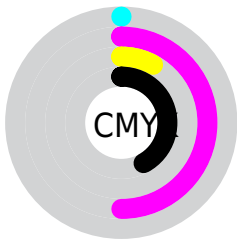
Distribution



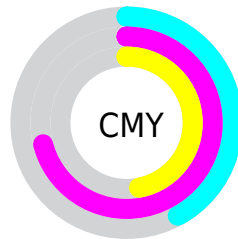
- Red (58%)
- Green (29%)
- Blue (53%)



- Red (58%)
- Yellow (29%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 944A88 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 944A88 by changing the saturation by 10% instead.

■ 944A88

■ 944A88

FFFFFF

■ 79316F

■ CC7DBD

■ 5F1756

■ E898D9

■ 46003F

■ FFB3F6

■ 2F0029

■ FFCFFF

■ 0C0012

■ FFECFF

■ 000000

■ 944A88

■ 944A88

■ 943B86

■ 94598A

■ 942C83

■ 94688D

941E81

94768F

940F7E

948592

94007C

949494

94A396

94B299

94C09B

94CF9E

Harmonies

Analogous

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



695AA4



944A88



A74264

Triad

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



944A88



756412



00768C

Complementary

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



944A88



4A9456

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.



007767



944A88



506E21

Square

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



944A88



935622



0E7441



0072A6

Rectangle

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



944A88



A8444B



0E7441



007780

Sweetspot

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



944A88



BFA3BB



554A94



614F5E



E0E0E0



616161

Same Dimension

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



944A88



BF4DAD



944A64



4A4349



8A0073



0A0009

Inverse Universe

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



944A88



BF4DAD



4A947A



4A4349



8A0073



0A0009

Previews

White Background



This preview shows how the Hex color 944A88 looks on a white background.

Color Contrast Check

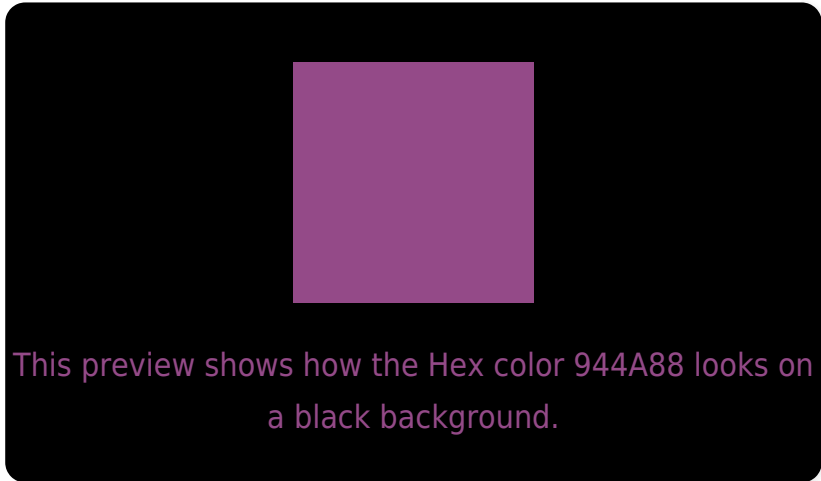
Large Text (above 18pt) WCAG AA ✓ Pass

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

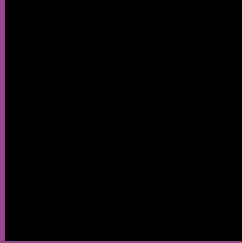
Any Text WCAG AA × Fail

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 944A88 Background



This preview shows how black text looks on a background with the Hex color 944A88.



This preview shows how white text looks on a background with the Hex color 944A88.

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
8F545B

Trichromacy



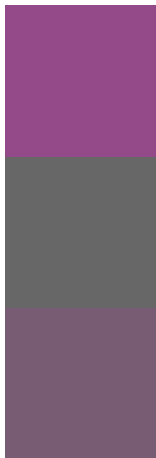
Original Color
944A88

Protanomaly
695B95

Deuteranomaly
725B85

Tritanomaly
91506B

Monochromacy



Original Color
944A88

Achromatopsia
676767

Achromatomaly
775C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 944A88 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 #944A88 looks like.

```
.text, #text, p{  
    color:#944A88  
}
```

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 #944A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #944A88
}
```

Border

The CSS property to change the border of an element to Hex 944A88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

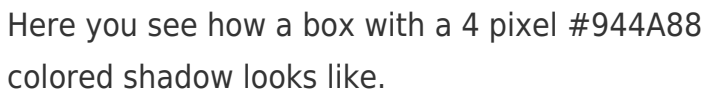
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#944A88 }
```

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

```
.border{ border-color:#944A88 }
```

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



Here you see how a box with a 4 pixel #944A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #944A88; -webkit-box-shadow:4px 4px  
4px 4px #944A88; box-shadow:4px 4px 4px  
4px #944A88 }
```

Background

The CSS property to change the background color of an element to Hex 944A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#944A88 }
```

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

```
.background{ background-color:#944A88 }
```

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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