

Converting Colors

Hex(946788)

Have a look what the booklet for
Hex(946788) contains.

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Color

Hex(946788)

Conversions

Conversions Part 1

Format	Color
Hex	946788
RGB	148, 103, 136
RGB Percent	58%, 40%, 53%
CMY	0.4196, 0.5961, 0.4667
CMYK	0.00, 0.30, 0.08, 0.42
HSL	316°, 18%, 49%
HSV	316°, 30%, 58%
XYZ	21.5069, 17.7740, 25.5897
YIQ	120.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

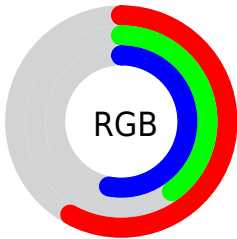
Format	Color
R_{YB}	148, 103, 136
Decimal	9725832
CIE _{Lab}	49.22, 23.56, -10.97
CIE _{LCh}	49, 25.991, 335.024
Yxy	17.7740, 0.3315, 0.2740
Android (android.graphics.Color)	4287915912 (0xFF946788)
YUV	120.2170, 7.7810, 24.3657
Hunter-Lab	42.1592, 17.2807, -6.4763

Details

The Hex color **946788** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679473**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CB9BBD**, and **603756** is the 20% darker color. If you saturate the color by 10%, you get **945884**, and if you desaturate by 10%, it is **94768C**.

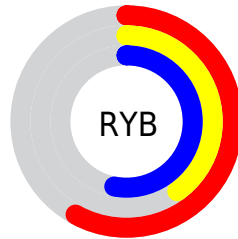
Distribution



Red (58%)

Green (40%)

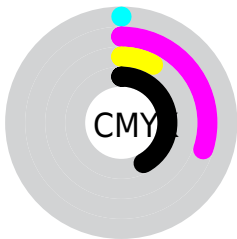
Blue (53%)



Red (58%)

Yellow (40%)

Blue (53%)

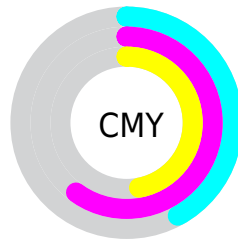


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946788 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 946788 by changing the saturation by 10% instead.

 946788

 946788

FFFFFF

 7A4F6F

 CB9BBD

 603756

 E7B6D9

 48213F

 FFD1F6

 310A29

 FFEEFF

 1D0015

 000000

 946788

 946788

 945884

 94768C

 944980

 948590

943B7C

949394

942C78

94A298

941D74

94B19C

940E70

94C0A0

94006D

94CFA4

94DDA8

94ECAC

Harmonies

Analogous

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



7D6E99



946788



9F6472

Triad

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



946788



807549



25808D

Complementary

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



946788



679473

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.



348178



946788



697B50

Square

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



946788



936D4E



4E7F62



3A7C9C

Rectangle

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



946788



A06563



4E7F62



278187

Sweetspot

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



946788



BFAEBB



736794



61565E



E0E0E0



616161

Same Dimension

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



946788



BF7AAD



946772



4A4348



8A0065



0A0007

Inverse Universe

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



946788



BF7AAD



67948A



4A4348



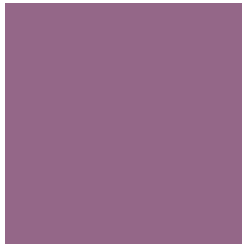
8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 946788 looks on a white background.

Color Contrast Check

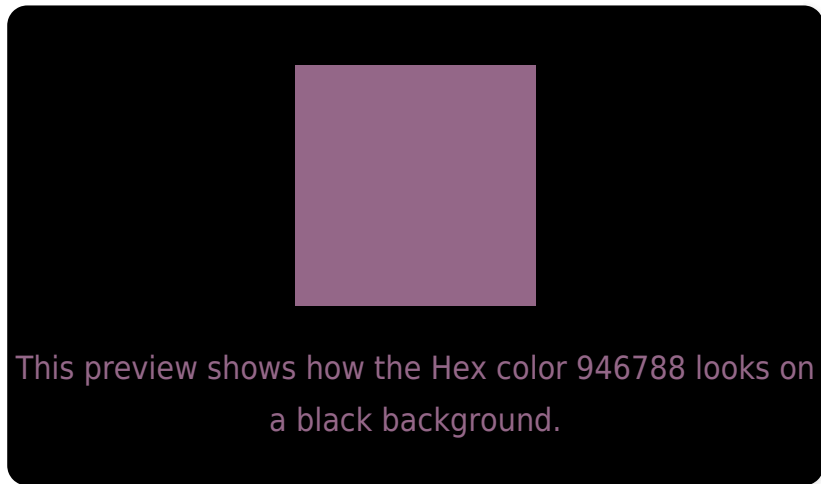
Large Text (above 18pt) WCAG AA ✓ Pass

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

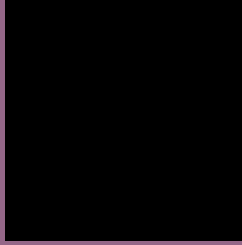
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 946788 Background



This preview shows how black text looks on a background with the Hex color 946788.




This preview shows how white text looks on a background with the Hex color 946788.

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
916B73

Trichromacy



Original Color
946788

Protanomaly
7C6F8E

Deuteranomaly
836E87

Tritanomaly
926A7B

Monochromacy



Original Color
946788

Achromatopsia
787878

Achromatomaly
82727E

CSS Examples

Text

The CSS property to change the color of the text to Hex 946788 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 #946788 looks like.

```
.text, #text, p{  
    color:#946788  
}
```

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 #946788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946788
}
```

Border

The CSS property to change the border of an element to Hex 946788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

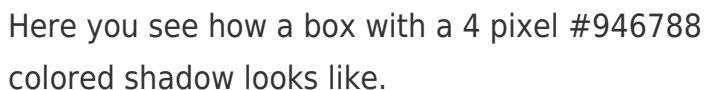
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946788 }
```

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

```
.border{ border-color:#946788 }
```

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



Here you see how a box with a 4 pixel #946788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946788; -webkit-box-shadow:4px 4px  
4px 4px #946788; box-shadow:4px 4px 4px  
4px #946788 }
```

Background

The CSS property to change the background color of an element to Hex 946788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946788 }
```

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

```
.background{ background-color:#946788 }
```

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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