

Converting Colors

Hex(942C78)

Have a look what the booklet for
Hex(942C78) contains.

Hex(942C78)	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(942C78)

Conversions

Conversions Part 1	
Format	Color
Hex	942C78
RGB	148, 44, 120
RGB Percent	58%, 17%, 47%
CMY	0.4196, 0.8275, 0.5294
CMYK	0.00, 0.70, 0.19, 0.42
HSL	316°, 54%, 38%
HSV	316°, 70%, 58%
XYZ	16.5036, 9.4533, 18.7241
YIQ	83.7600, 37.5880, 45.6840

Conversions

Conversions Part 2

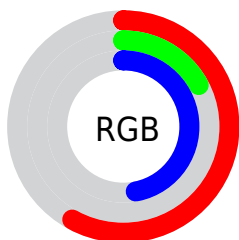
Format	Color
RYB	148, 44, 120
Decimal	9710712
CIELab	36.84, 51.17, -20.11
CIELCh	37, 54.983, 338.546
Yxy	9.4533, 0.3694, 0.2116
Android (android.graphics.Color)	4287900792 (0xFF942C78)
YUV	83.7600, 17.8663, 56.3385
Hunter-Lab	30.7463, 42.0070, -14.5846

Details

The Hex color **942C78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2C9448**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **CD62AC**, and **5E0047** is the 20% darker color. If you saturate the color by 10%, you get **941D74**, and if you desaturate by 10%, it is **943B7C**.

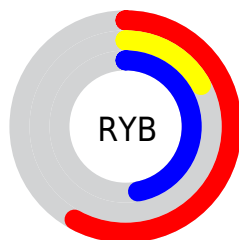
Distribution



Red (58%)

Green (17%)

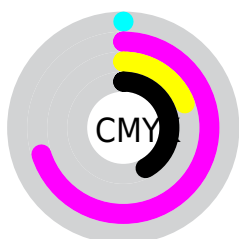
Blue (47%)



Red (58%)

Yellow (17%)

Blue (47%)

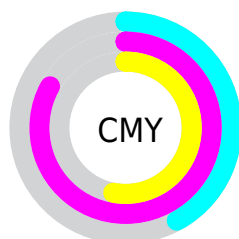


Cyan (0%)

Magenta (70%)

Yellow (19%)

Black (42%)



Cyan (42%)

Magenta (83%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942C78 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 942C78 by changing the saturation by 10% instead.

 942C78

 942C78

FFFFFF

 78085F

 CD62AC

 5E0047

 EA7DC8

 430031

 FF99E4

 2C001C

 FFB5FF

 000000

 FFD1FF

 FFEEFF

 942C78

 942C78

 941D74

 943B7C

 940E70

 944A80

 94006C

 945884

 946788

 94768C

 948590

 949494

 94A298

 94B19C

Harmonies

Analogous

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



67449D



942C78



A4214C

Triad

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



942C78



5E5900



00698D

Complementary

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



942C78



2C9448

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.



006A63



942C78



2C6300

Square

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



942C78



834800



006834



0064A9

Rectangle

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



942C78



A12B2F



006834



006A80

Sweetspot

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



942C78



BF97B4



482C94



61495A



E0E0E0



616161

Same Dimension

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



942C78



BF1F94



942C44



4A4348



8A0065



0A0007

Inverse Universe

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



942C78



BF1F94



2C947C



4A4348



8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 942C78 looks on a white background.

Color Contrast Check

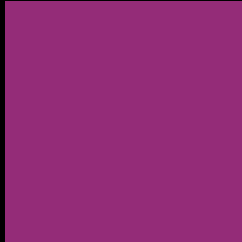
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 942C78 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 942C78 Background



This preview shows how black text looks on a background with the Hex color 942C78.



This preview shows how white text looks on a background with the Hex color 942C78.

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



Original Color

942C78

Protanopia

39569A

Deuteranopia

525672



Tritanopia
8F3D40

Trichromacy



Original Color

942C78



Protanomaly

5A478E



Deuteranomaly

6A4774



Tritanomaly

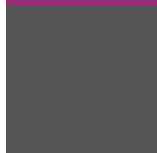
913754

Monochromacy



Original Color

942C78



Achromatopsia

545454



Achromatomaly

6B4561

CSS Examples

Text

The CSS property to change the color of the text to Hex 942C78 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 #942C78 looks like.

```
.text, #text, p{  
    color:#942C78  
}
```

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 #942C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942C78
}
```

Border

The CSS property to change the border of an element to Hex 942C78 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
#942C78 }
```

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

```
.border{ border-color:#942C78 }
```

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

Here you see how a box with a 4 pixel #942C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942C78; -webkit-box-shadow:4px 4px  
4px 4px #942C78; box-shadow:4px 4px 4px  
4px #942C78 }
```

Background

The CSS property to change the background color of an element to Hex 942C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942C78 }
```

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

```
.background{ background-color:#942C78 }
```

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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