

Converting Colors

Hex(942C6A)

Have a look what the booklet for
Hex(942C6A) contains.

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Color

Hex(942C6A)

Conversions

Conversions Part 1

Format	Color
Hex	942C6A
RGB	148, 44, 106
RGB Percent	58%, 17%, 42%
CMY	0.4196, 0.8275, 0.5843
CMYK	0.00, 0.70, 0.28, 0.42
HSL	324°, 54%, 38%
HSV	324°, 70%, 58%
XYZ	15.7149, 9.1379, 14.5712
YIQ	82.1640, 42.0820, 41.3300

Conversions

Conversions Part 2

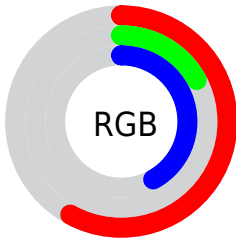
Format	Color
R_{YB}	148, 44, 106
Decimal	9710698
CIE _{Lab}	36.25, 49.22, -12.22
CIE _{LCh}	36, 50.713, 346.061
Yxy	9.1379, 0.3986, 0.2318
Android (android.graphics.Color)	4287900778 (0xFF942C6A)
YUV	82.1640, 11.7511, 57.7382
Hunter-Lab	30.2289, 39.8952, -7.4192

Details

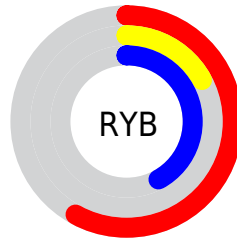
The Hex color **942C6A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2C9456**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **CD629D**, and **5D003B** is the 20% darker color. If you saturate the color by 10%, you get **941D64**, and if you desaturate by 10%, it is **943B70**.

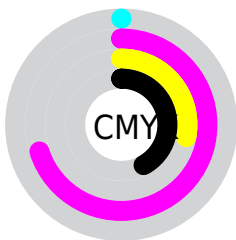
Distribution



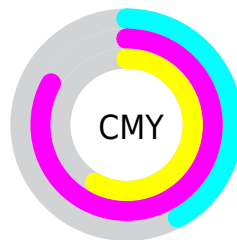
- Red (58%)
- Green (17%)
- Blue (42%)



- Red (58%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 942C6A 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 942C6A by changing the saturation by 10% instead.

942C6A

942C6A

FFFFFF

780A52

CD629D

5D003B

EA7DB8

430025

FF98D4

2B000F

FFB4F0

000000

FFD0FF

FFEDFF

942C6A

942C6A

941D64

943B70

■ 940E5E

■ 944A76

■ 940058

■ 94587C

■ 946782

■ 947688

■ 94858E

■ 949494

■ 94A29A

■ 94B1A0

Harmonies

Analogous

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



723F8E



942C6A



9D2941

Triad

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



942C6A



535A00



00668F

Complementary

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



942C6A



2C9456

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.



00686B



942C6A



1F6216

Square

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



942C6A



774C00



006640



005FA5

Rectangle

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



942C6A



973328



006640



006784

Sweetspot

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



942C6A



BF97AF



562C94



614957



E0E0E0



616161

Same Dimension

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



942C6A



BF1F7E



942C36



4A4347



8A0052



0A0006

Inverse Universe

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



942C6A



BF1F7E



2C948A



4A4347



8A0052



0A0006

Previews

White Background



This preview shows how the Hex color 942C6A looks on a white background.

Color Contrast Check

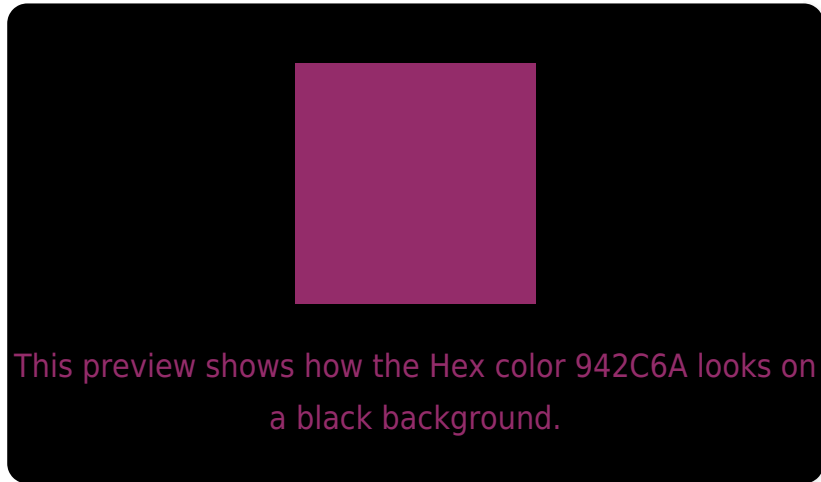
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

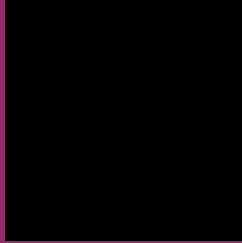
Any Text WCAG AA × Fail

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 942C6A Background



This preview shows how black text looks on a background with the Hex color 942C6A.




This preview shows how white text looks on a background with the Hex color 942C6A.

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
90393C

Trichromacy



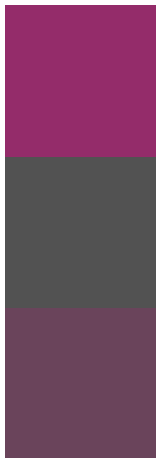
Original Color
942C6A

Protanomaly
60467D

Deuteranomaly
6E4566

Tritanomaly
91344D

Monochromacy



Original Color
942C6A

Achromatopsia
525252

Achromatomaly
6A445B

CSS Examples

Text

The CSS property to change the color of the text to Hex 942C6A 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 #942C6A looks like.

```
.text, #text, p{  
    color:#942C6A  
}
```

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 #942C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #942C6A
}
```

Border

The CSS property to change the border of an element to Hex 942C6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

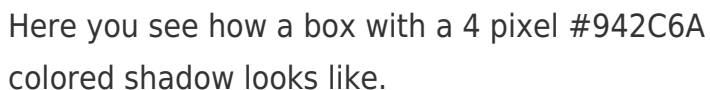
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#942C6A }
```

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

```
.border{ border-color:#942C6A }
```

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



Here you see how a box with a 4 pixel #942C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #942C6A; -webkit-box-shadow:4px 4px  
4px 4px #942C6A; box-shadow:4px 4px 4px  
4px #942C6A }
```

Background

The CSS property to change the background color of an element to Hex 942C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#942C6A }
```

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

```
.background{ background-color:#942C6A }
```

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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