

Converting Colors

Hex(933966)

Have a look what the booklet for
Hex(933966) contains.

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Color

Hex(933966)

Conversions

Conversions Part 1

Format	Color
Hex	933966
RGB	147, 57, 102
RGB Percent	58%, 22%, 40%
CMY	0.4235, 0.7765, 0.6000
CMYK	0.00, 0.61, 0.31, 0.42
HSL	330°, 44%, 40%
HSV	330°, 61%, 58%
XYZ	15.8940, 10.0886, 13.6800
YIQ	89.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

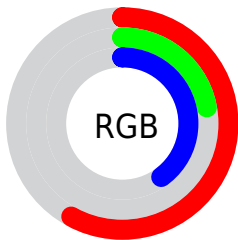
Format	Color
R_{YB}	147, 57, 102
Decimal	9648486
CIE _{Lab}	38.00, 42.70, -7.06
CIE _{LCh}	38, 43.284, 350.606
Yxy	10.0886, 0.4007, 0.2544
Android (android.graphics.Color)	4287838566 (0xFF933966)
YUV	89.0400, 6.3893, 50.8309
Hunter-Lab	31.7626, 33.7371, -3.3021

Details

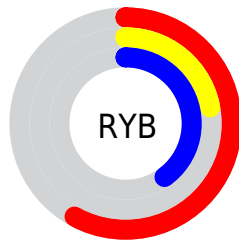
The Hex color **933966** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **399366**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **CC6D99**, and **5D0037** is the 20% darker color. If you saturate the color by 10%, you get **932A5F**, and if you desaturate by 10%, it is **93486D**.

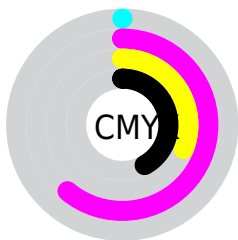
Distribution



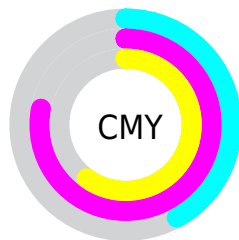
- Red (58%)
- Green (22%)
- Blue (40%)



- Red (58%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (31%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933966 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 933966 by changing the saturation by 10% instead.

 933966

 933966

FFFFFF

 781E4E

 CC6D99

 5D0037

 E987B4

 430022

 FFA2CF

 2C000A

 FFBEEB

 000000

 FFDBFF

 FFF8FF

 933966

 933966

 932A5F

 93486D

931C57

935675

930D50

93657C

93004A

937483

93838B

939192

93A099

93AFA1

93BDA8

Harmonies

Analogous

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



794586



933966



983943

Triad

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



933966



545F0F



00678F

Complementary

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



933966



399366

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.



006A71



933966



28662A

Square

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



933966



74540C



00694D



00619F

Rectangle

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



933966



92412D



00694D



006986

Sweetspot

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



933966



BF9DAE



663993



614C56



E0E0E0



616161

Same Dimension

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



933966



BF3479



933939



4A4346



8A0045



0A0005

Inverse Universe

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



933966



BF3479



399393



4A4346



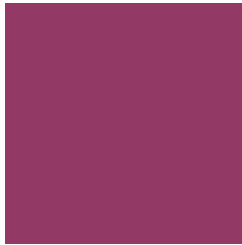
8A0045



0A0005

Previews

White Background



This preview shows how the Hex color 933966 looks on a white background.

Color Contrast Check

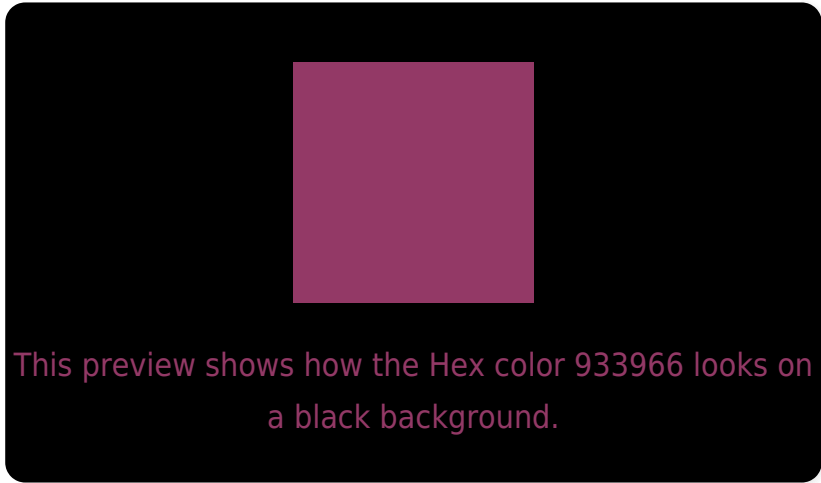
Large Text (above 18pt) WCAG AA ✓ Pass

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

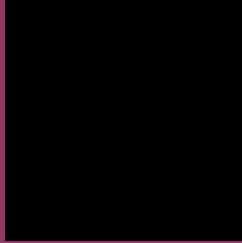
Any Text WCAG AA × Fail

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 933966 Background



This preview shows how black text looks on a background with the Hex color 933966.



This preview shows how white text looks on a background with the Hex color 933966.

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](#).

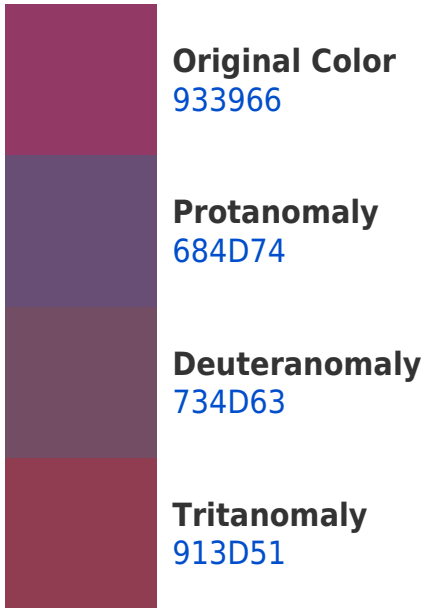
Dichromacy



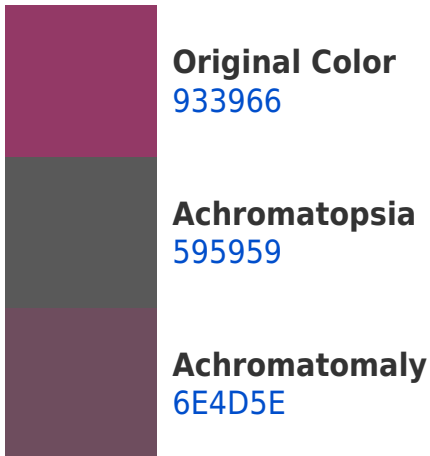


Tritanopia
904045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 933966 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 #933966 looks like.

```
.text, #text, p{  
    color:#933966  
}
```

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 #933966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933966
}
```

Border

The CSS property to change the border of an element to Hex 933966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

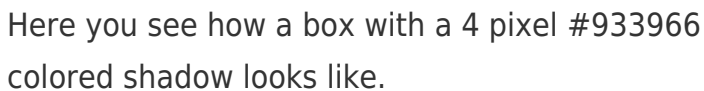
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933966 }
```

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

```
.border{ border-color:#933966 }
```

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



Here you see how a box with a 4 pixel #933966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933966; -webkit-box-shadow:4px 4px  
4px 4px #933966; box-shadow:4px 4px 4px  
4px #933966 }
```

Background

The CSS property to change the background color of an element to Hex 933966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933966 }
```

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

```
.background{ background-color:#933966 }
```

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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