

Converting Colors

Hex(933763)

Have a look what the booklet for
Hex(933763) contains.

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Color

Hex(933763)

Conversions

Conversions Part 1

Format	Color
Hex	933763
RGB	147, 55, 99
RGB Percent	58%, 22%, 39%
CMY	0.4235, 0.7843, 0.6118
CMYK	0.00, 0.63, 0.33, 0.42
HSL	331°, 46%, 40%
HSV	331°, 63%, 58%
XYZ	15.6509, 9.8363, 12.8781
YIQ	87.5240, 40.7080, 33.1880

Conversions

Conversions Part 2

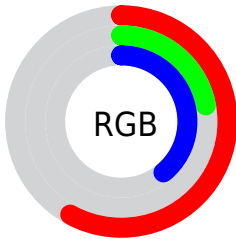
Format	Color
R_{YB}	147, 55, 99
Decimal	9647971
CIE _{Lab}	37.55, 43.25, -5.85
CIE _{LCh}	38, 43.643, 352.295
Yxy	9.8363, 0.4079, 0.2564
Android (android.graphics.Color)	4287838051 (0xFF933763)
YUV	87.5240, 5.6577, 52.1605
Hunter-Lab	31.3628, 34.1916, -2.3914

Details

The Hex color **933763** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **379367**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CC6B96**, and **5D0035** is the 20% darker color. If you saturate the color by 10%, you get **93285B**, and if you desaturate by 10%, it is **93466B**.

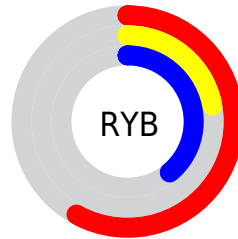
Distribution



Red (58%)

Green (22%)

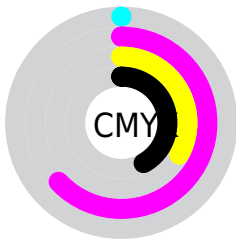
Blue (39%)



Red (58%)

Yellow (22%)

Blue (39%)

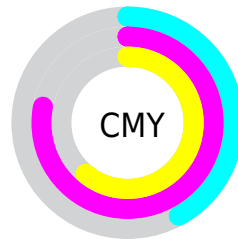


Cyan (0%)

Magenta (63%)

Yellow (33%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933763 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 933763 by changing the saturation by 10% instead.

 933763

 933763

FFFFFF

 781C4B

 CC6B96

 5D0035

 E985B0

 42001F

 FFA1CC

 2C0005

 FFBCE8

 000000

 FFD9FF

 FFF6FF

 933763

 933763

 93285B

 93466B

931A54

935472

930B4C

93637A

930046

937282

938189

938F91

939E99

93ADA0

93BBA8

Harmonies

Analogous

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



7A4384



933763



973840

Triad

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



933763



515E0E



006690

Complementary

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



933763



379367

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.



006972



933763



22652B

Square

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



933763



725308



00684E



005F9E

Rectangle

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



933763



90402A



00684E



006887

Sweetspot

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



933763



BF9BAC



673793



614B55



E0E0E0



616161

Same Dimension

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



933763



BF3074



933937



4A4346



8A0042



0A0005

Inverse Universe

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



933763



BF3074



379193



4A4346



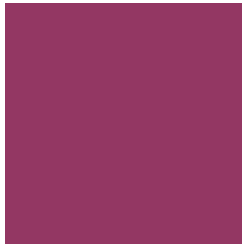
8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 933763 looks on a white background.

Color Contrast Check

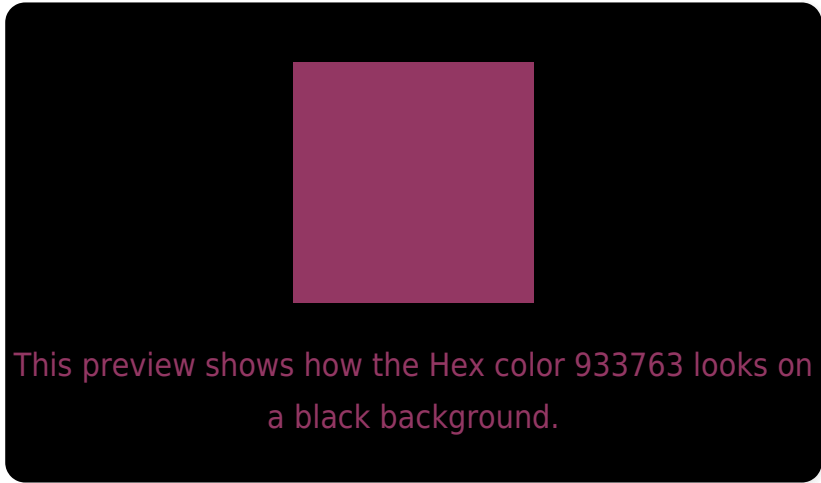
Large Text (above 18pt) WCAG AA ✓ Pass

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

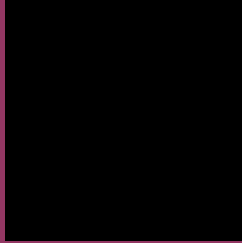
Any Text WCAG AA × Fail

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 933763 Background



This preview shows how black text looks on a background with the Hex color 933763.




This preview shows how white text looks on a background with the Hex color 933763.

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
903E43

Trichromacy



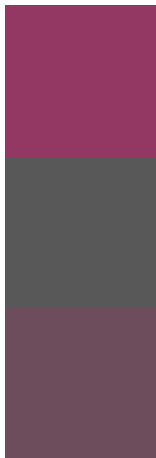
Original Color
933763

Protanomaly
684C71

Deuteranomaly
724B60

Tritanomaly
913B4F

Monochromacy



Original Color
933763

Achromatopsia
585858

Achromatomaly
6D4C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 933763 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 #933763 looks like.

```
.text, #text, p{  
    color:#933763  
}
```

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 #933763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933763
}
```

Border

The CSS property to change the border of an element to Hex 933763 is called "border". The border property can be set on classes, ids or directly on the HTML element.

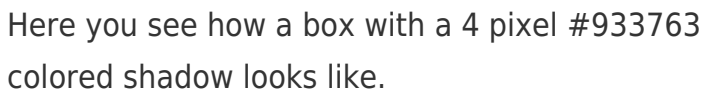
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933763 }
```

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

```
.border{ border-color:#933763 }
```

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



Here you see how a box with a 4 pixel #933763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933763; -webkit-box-shadow:4px 4px  
4px 4px #933763; box-shadow:4px 4px 4px  
4px #933763 }
```

Background

The CSS property to change the background color of an element to Hex 933763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933763 }
```

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

```
.background{ background-color:#933763 }
```

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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