

# Converting Colors

Hex(93516E)

Have a look what the booklet for  
Hex(93516E) contains.

<b>Hex(93516E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(93516E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93516E
RGB	147, 81, 110
RGB Percent	58%, 32%, 43%
CMY	0.4235, 0.6824, 0.5686
CMYK	0.00, 0.45, 0.25, 0.42
HSL	334°, 29%, 45%
HSV	334°, 45%, 58%
XYZ	17.7895, 13.2137, 16.3647
YIQ	104.0400, 30.0270, 23.0110

# Conversions

## Conversions Part 2

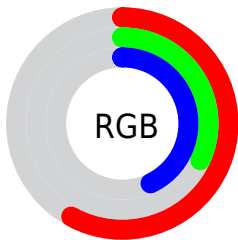
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 81, 110
Decimal	9654638
CIE <sub>Lab</sub>	43.08, 31.34, -4.47
CIE <sub>LCh</sub>	43, 31.655, 351.886
Yxy	13.2137, 0.3756, 0.2790
Android (android.graphics.Color)	4287844718 (0xFF93516E)
YUV	104.0400, 2.9383, 37.6759
Hunter-Lab	36.3506, 23.7419, -1.2464

# Details

The Hex color **93516E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **519376**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CB84A2**, and **5E213F** is the 20% darker color. If you saturate the color by 10%, you get **934266**, and if you desaturate by 10%, it is **936076**.

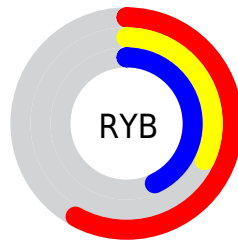
# Distribution



Red (58%)

Green (32%)

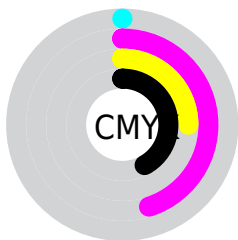
Blue (43%)



Red (58%)

Yellow (32%)

Blue (43%)

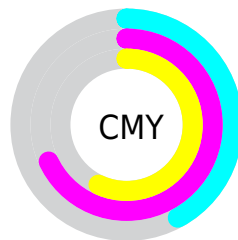


Cyan (0%)

Magenta (45%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (68%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93516E 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 93516E by changing the saturation by 10% instead.



 93516E

 93516E

FFFFFF

 783956

 CB84A2

 5E213F

 E79EBD

 450729

 FFBAD8

 2E0014

 FFD6F5

 040000

 FFF2FF

 000000

 93516E

 93516E

 934266

 936076

 93345E

 936E7E

 932555

 937D87

 93164D

 938C8F

 930845

 939B97

 930041

 93A99F

 93B8A8

 93C7B0

 93D5B8

# Harmonies

## Analogous

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



7F5886



93516E



985154

# Triad

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



93516E



636A34



00718E

# Complementary

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



93516E



519376

# 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.



007378



93516E



447044

# Square

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



93516E



7C6231



17735D



296B99

# Rectangle

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



93516E



935644



17735D



007288



# Sweetspot

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



93516E



BFA6B1



755193



615158



E0E0E0



616161



# Same Dimension

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



93516E



BF5885



935451



4A4346



8A003D



0A0004



# Inverse Universe

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



93516E



BF5885



519093



4A4346



8A003D

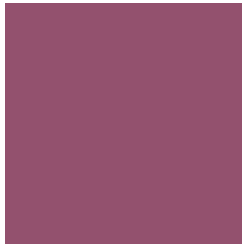


0A0004



# Previews

## White Background



This preview shows how the Hex color 93516E looks on a white background.

## Color Contrast Check

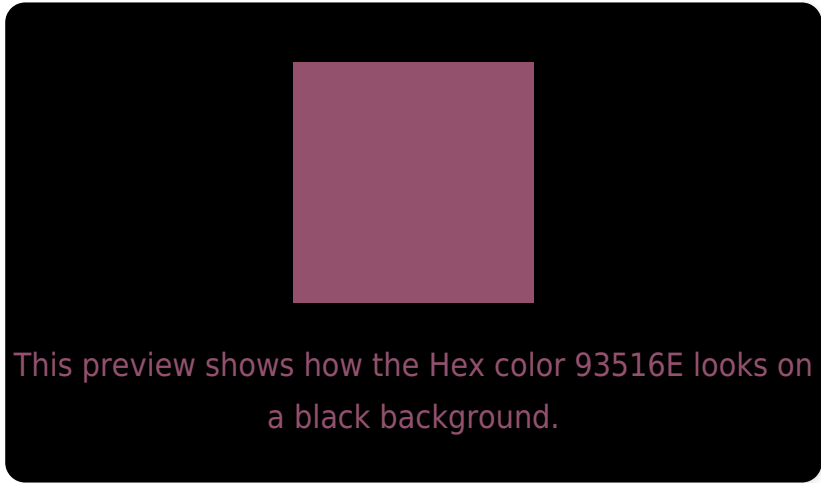
Large Text (above 18pt) WCAG AA ✓ Pass

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

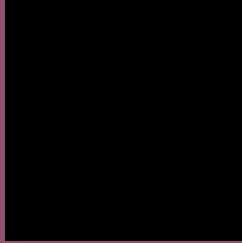
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 93516E Background



This preview shows how black text looks on a background with the Hex color 93516E.

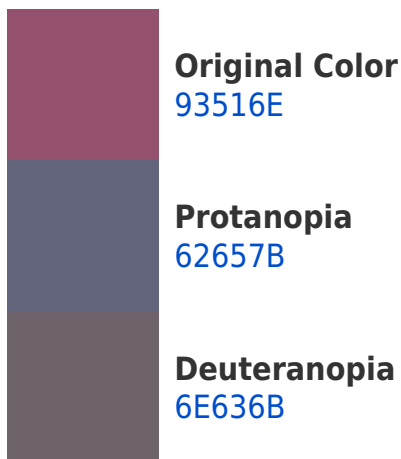


This preview shows how white text looks on a background with the Hex color 93516E.

# 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**  
91555B

# Trichromacy



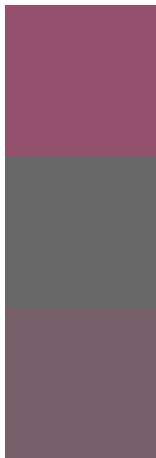
**Original Color**  
93516E

**Protanomaly**  
745E76

**Deuteranomaly**  
7B5C6C

**Tritanomaly**  
925462

# Monochromacy



**Original Color**  
93516E

**Achromatopsia**  
686868

**Achromatomaly**  
78606A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93516E 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 #93516E looks like.

```
.text, #text, p{  
    color:#93516E  
}
```

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 #93516E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93516E
}
```

## Border

The CSS property to change the border of an element to Hex 93516E is called "border". The border property can be set on classes, ids or directly on the HTML element.

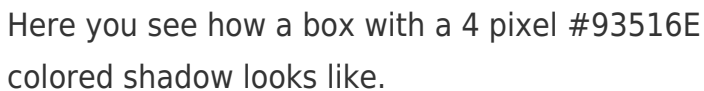
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93516E }
```

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

```
.border{ border-color:#93516E }
```

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



Here you see how a box with a 4 pixel #93516E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93516E; -webkit-box-shadow:4px 4px  
4px 4px #93516E; box-shadow:4px 4px 4px  
4px #93516E }
```

# Background

The CSS property to change the background color of an element to Hex 93516E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93516E }
```

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

```
.background{ background-color:#93516E }
```

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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