

# Converting Colors

Hex(95567E)

Have a look what the booklet for  
Hex(95567E) contains.

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# Color

**Hex(95567E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95567E
RGB	149, 86, 126
RGB Percent	58%, 34%, 49%
CMY	0.4157, 0.6627, 0.5059
CMYK	0.00, 0.42, 0.15, 0.42
HSL	322°, 27%, 46%
HSV	322°, 42%, 58%
XYZ	19.4881, 14.5515, 21.5202
YIQ	109.3970, 24.7080, 25.7960

# Conversions

## Conversions Part 2

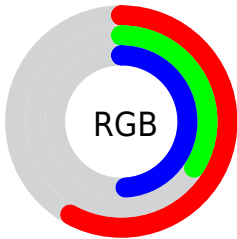
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 86, 126
Decimal	9787006
CIE <sub>Lab</sub>	45.01, 31.85, -11.30
CIE <sub>LCh</sub>	45, 33.793, 340.457
Yxy	14.5515, 0.3508, 0.2619
Android (android.graphics.Color)	4287977086 (0xFF95567E)
YUV	109.3970, 8.1853, 34.7318
Hunter-Lab	38.1464, 24.4352, -6.7459

# Details

The Hex color **95567E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **56956D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CC89B3**, and **61264D** is the 20% darker color. If you saturate the color by 10%, you get **954779**, and if you desaturate by 10%, it is **956583**.

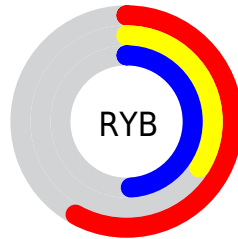
# Distribution



Red (58%)

Green (34%)

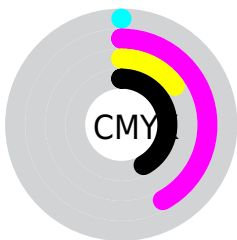
Blue (49%)



Red (58%)

Yellow (34%)

Blue (49%)

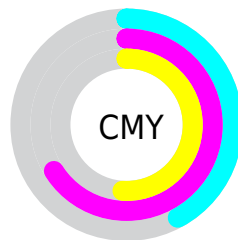


Cyan (0%)

Magenta (42%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95567E 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 95567E by changing the saturation by 10% instead.



■ 95567E

■ 95567E

FFFFFF

■ 7A3E65

■ CC89B3

■ 61264D

■ E9A4CE

■ 480D36

■ FFBFEA

■ 300021

■ FFDBFF

■ 150007

■ FFF8FF

■ 000000

■ 95567E

■ 95567E

■ 954779

■ 956583

■ 953873

■ 957489

95296E

95838E

951A68

959294

950B63

95A199

95005F

95AF9F

95BEA4

95CDAA

95DCAF

# Harmonies

## Analogous

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



7A5F96



95567E



A05362

# Triad

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



95567E



726C31



00778E

# Complementary

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



95567E



56956D

# 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.



007974



95567E



53733E

# Square

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



95567E



8B6235



2B7857



00739F

# Rectangle

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



95567E



9E564F



2B7857



007886



# Sweetspot

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



95567E



C2A9B9



6C5695



61515B



E0E0E0



616161



# Same Dimension

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



95567E



C25F9E



95565F



4A4347



8A0057



0A0006



# Inverse Universe

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



95567E



C25F9E



56958C



4A4347



8A0057

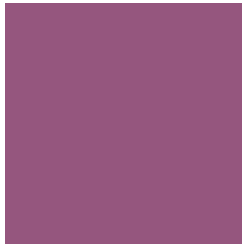


0A0006



# Previews

## White Background



This preview shows how the Hex color 95567E looks on a white background.

## Color Contrast Check

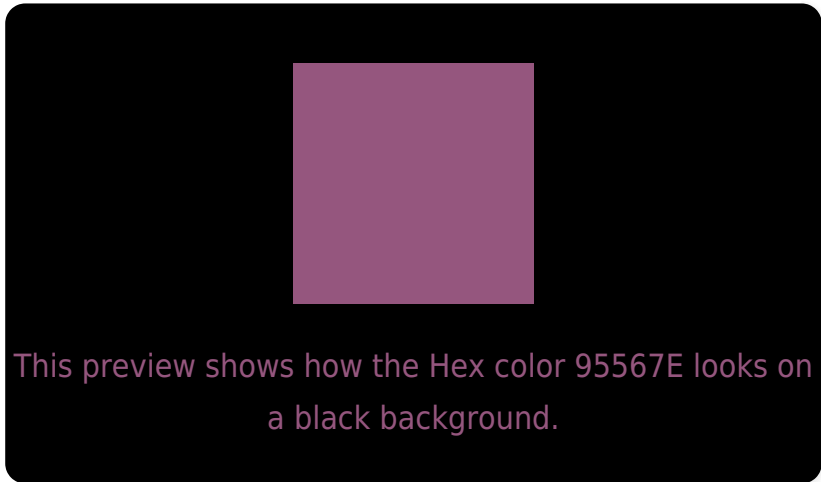
Large Text (above 18pt) WCAG AA ✓ Pass

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

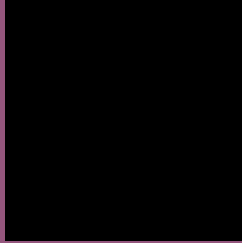
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 95567E Background



This preview shows how black text looks on a background with the Hex color 95567E.



This preview shows how white text looks on a background with the Hex color 95567E.

# 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**  
95567E

**Protanopia**  
626A8C

**Deuteranopia**  
6E687B



**Tritanopia**  
925B62

# Trichromacy



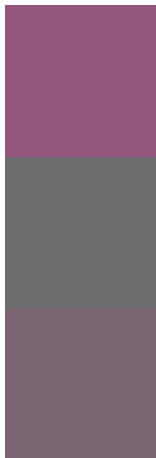
**Original Color**  
95567E

**Protanomaly**  
756387

**Deuteranomaly**  
7C617C

**Tritanomaly**  
93596C

# Monochromacy



**Original Color**  
95567E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7C6573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95567E 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 #95567E looks like.

```
.text, #text, p{  
    color:#95567E  
}
```

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 #95567E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95567E
}
```

## Border

The CSS property to change the border of an element to Hex 95567E is called "border". The border property can be set on classes, ids or directly on the HTML element.

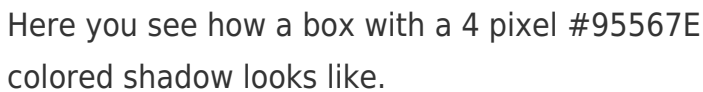
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#95567E }
```

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

```
.border{ border-color:#95567E }
```

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



Here you see how a box with a 4 pixel #95567E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95567E; -webkit-box-shadow:4px 4px  
4px 4px #95567E; box-shadow:4px 4px 4px  
4px #95567E }
```

# Background

The CSS property to change the background color of an element to Hex 95567E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95567E }
```

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

```
.background{ background-color:#95567E }
```

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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