

Converting Colors

Hex(93876C)

Have a look what the booklet for
Hex(93876C) contains.

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Color

Hex(93876C)

Conversions

Conversions Part 1

Format	Color
Hex	93876C
RGB	147, 135, 108
RGB Percent	58%, 53%, 42%
CMY	0.4235, 0.4706, 0.5765
CMYK	0.00, 0.08, 0.27, 0.42
HSL	42°, 15%, 50%
HSV	42°, 27%, 58%
XYZ	23.4034, 24.6137, 17.7048
YIQ	135.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

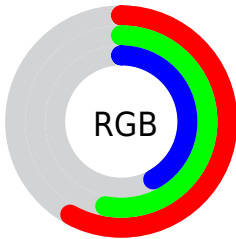
Format	Color
R_{YB}	125, 147, 108
Decimal	9668460
CIE _{Lab}	56.70, 0.04, 16.18
CIE _{LCh}	57, 16.177, 89.861
Yxy	24.6137, 0.3561, 0.3745
Android (android.graphics.Color)	4287858540 (0xFF93876C)
YUV	135.5100, -13.5624, 10.0767
Hunter-Lab	49.6122, -2.6182, 13.5701

Details

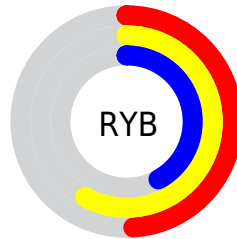
The Hex color **93876C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6C7893**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C9BCA0**, and **60553C** is the 20% darker color. If you saturate the color by 10%, you get **93825D**, and if you desaturate by 10%, it is **938C7B**.

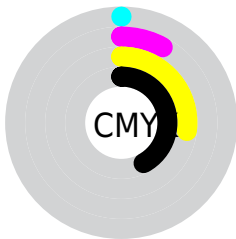
Distribution



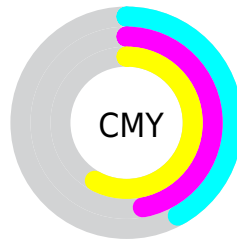
- Red (58%)
- Green (53%)
- Blue (42%)



- Red (49%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93876C 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 93876C by changing the saturation by 10% instead.

 93876C

 93876C

FFFFFF

 796E54

 C9BCA0

 60553C

 E6D8BB

 483E26

 FFF4D6

 312912

 FFFFF3

 1C1400

 000000

 93876C

 93876C

 93825D

 938C7B

 937E4F

 939089

■ 937940

■ 939598

■ 937531

■ 9399A7

■ 937023

■ 939EB5

■ 936C14

■ 93A2C4

■ 936705

■ 93A7D3

■ 936600

■ 93ABE2

■ 93B0F0

Harmonies

Analogous

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



9F8270



93876C



848B6F

Triad

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



93876C



629095



9A8096

Complementary

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



93876C



6C7893

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.



8A84A0



93876C



688DA0

Square

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



93876C



679087



7889A4



A47E89

Rectangle

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



93876C



798E76



7889A4



96819A

Sweetspot

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



93876C



BFBBB0



936C78



615E57



E0E0E0



616161

Same Dimension

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



93876C



BFAC82



8C936C



4A4843



8A5F00



0A0700

Inverse Universe

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



6C7893



8295BF



736C93



43454A



002A8A



00030A

Previews

White Background



This preview shows how the Hex color 93876C looks on a white background.

Color Contrast Check

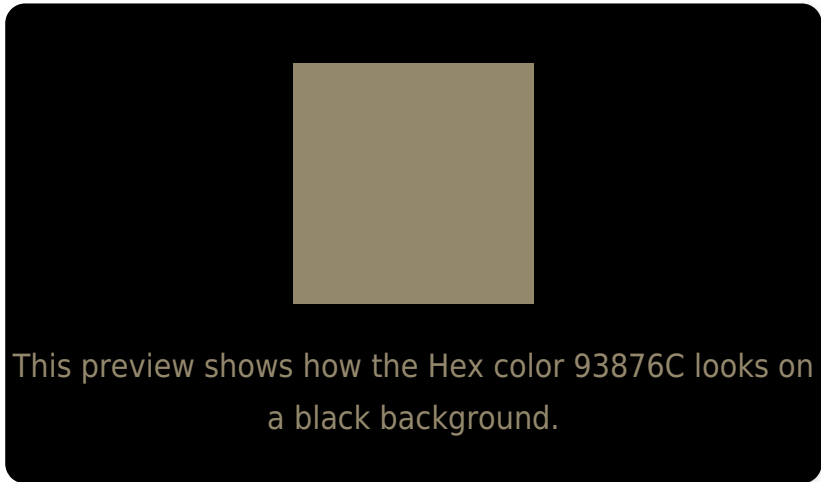
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

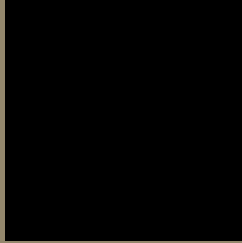
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 93876C Background



This preview shows how black text looks on a background with the Hex color 93876C.



This preview shows how white text looks on a background with the Hex color 93876C.

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
93876C

Protanopia
91886C

Deuteranopia
9E836D



Tritanopia
97838D

Trichromacy



Original Color
93876C

Protanomaly
92886C

Deuteranomaly
9A846D

Tritanomaly
968481

Monochromacy



Original Color
93876C

Achromatopsia
888888

Achromatomaly
8C887E

CSS Examples

Text

The CSS property to change the color of the text to Hex 93876C 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 #93876C looks like.

```
.text, #text, p{  
    color:#93876C  
}
```

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 #93876C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93876C
}
```

Border

The CSS property to change the border of an element to Hex 93876C 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
#93876C }
```

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

```
.border{ border-color:#93876C }
```

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

Here you see how a box with a 4 pixel #93876C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93876C; -webkit-box-shadow:4px 4px  
4px 4px #93876C; box-shadow:4px 4px 4px  
4px #93876C }
```

Background

The CSS property to change the background color of an element to Hex 93876C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93876C }
```

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

```
.background{ background-color:#93876C }
```

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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