

# Converting Colors

Hex(91186C)

Have a look what the booklet for  
Hex(91186C) contains.

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**Color**

**Hex(91186C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91186C
RGB	145, 24, 108
RGB Percent	57%, 9%, 42%
CMY	0.4314, 0.9059, 0.5765
CMYK	0.00, 0.83, 0.26, 0.43
HSL	318°, 72%, 33%
HSV	318°, 83%, 57%
XYZ	14.7105, 7.7557, 14.9090
YIQ	69.7550, 45.1520, 51.7760

# Conversions

## Conversions Part 2

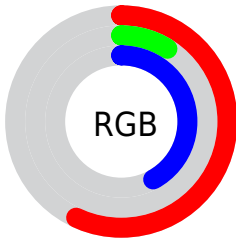
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 24, 108
Decimal	9508972
CIE <sub>Lab</sub>	33.47, 55.22, -17.79
CIE <sub>LCh</sub>	33, 58.019, 342.141
Yxy	7.7557, 0.3936, 0.2075
Android (android.graphics.Color)	4287699052 (0xFF91186C)
YUV	69.7550, 18.8548, 65.9899
Hunter-Lab	27.8491, 45.5514, -12.2466

# Details

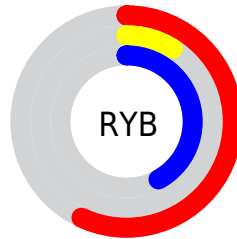
The Hex color **91186C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **18913D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **CA54A0**, and **5A003C** is the 20% darker color. If you saturate the color by 10%, you get **910A68**, and if you desaturate by 10%, it is **912770**.

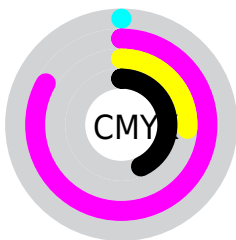
# Distribution



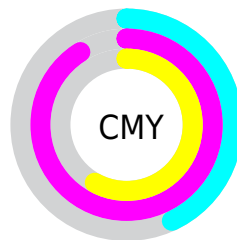
- Red (57%)
- Green (9%)
- Blue (42%)



- Red (57%)
- Yellow (9%)
- Blue (42%)



- Cyan (0%)
- Magenta (83%)
- Yellow (26%)
- Black (43%)



- Cyan (43%)
- Magenta (91%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91186C 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 91186C by changing the saturation by 10% instead.





91186C



91186C

FFFFFF



750054



CA54A0



5A003C



E86FBB



400027



FF8BD6



260010



FFA7F3



000000



FFC3FF



FFE0FF



FFFEFF



91186C



91186C

■ 910A68

■ 912770

■ 910065

■ 913575

■ 914379

■ 91527E

■ 916182

■ 916F87

■ 917E8B

■ 918C8F

■ 919B94

# Harmonies

## Analogous

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



663894



91186C



9D093E

# Triad

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



91186C



505300



00618C

# Complementary

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



91186C



18913D

# 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.



006261



91186C



125C00

# Square

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



91186C



774200



006030



005CA7

# Rectangle

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



91186C



981F21



006030



00627F



# Sweetspot

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



91186C



BD8EAE



3C1891



5E4256



DEDEDE



5E5E5E



# Same Dimension

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



91186C



BD0083



911830



474045



87005E



080005



# Inverse Universe

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



91186C



BD0083



189179



474045



87005E



080005



# Previews

## White Background



This preview shows how the Hex color 91186C looks on a white background.

## Color Contrast Check

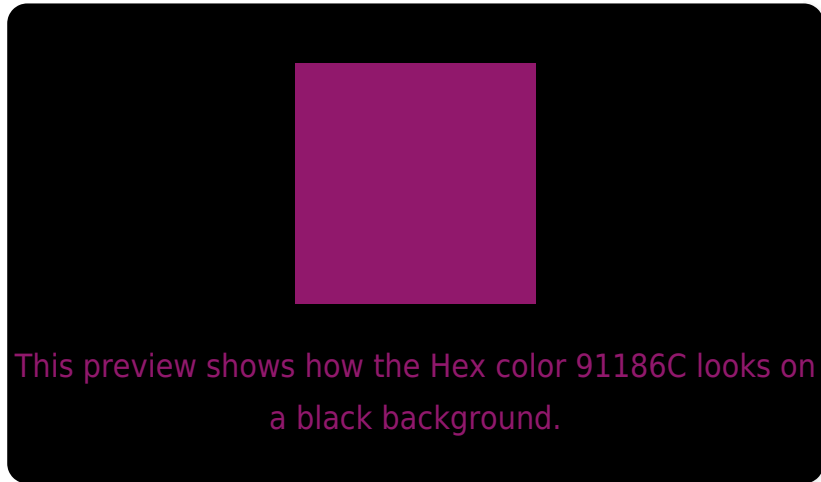
Large Text (above 18pt) WCAG AA ✓ Pass

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

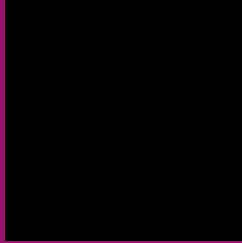
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91186C Background



This preview shows how black text looks on a background with the Hex color 91186C.



This preview shows how white text looks on a background with the Hex color 91186C.

# 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**  
8C2F32

# Trichromacy



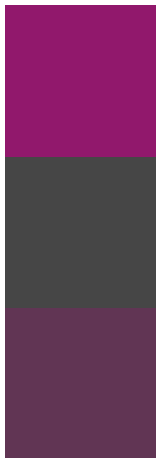
**Original Color**  
91186C

**Protanomaly**  
513A85

**Deuteranomaly**  
663B68

**Tritanomaly**  
8E2747

# Monochromacy



**Original Color**  
91186C

**Achromatopsia**  
464646

**Achromatomaly**  
613554

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91186C 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 #91186C looks like.

```
.text, #text, p{  
    color:#91186C  
}
```

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 #91186C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91186C  
}
```

## Border

The CSS property to change the border of an element to Hex 91186C is called "border". The border property can be set on classes, ids or directly on the HTML element.

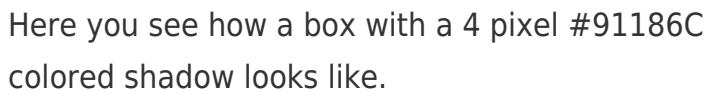
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#91186C }
```

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

```
.border{ border-color:#91186C }
```

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



Here you see how a box with a 4 pixel #91186C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91186C; -webkit-box-shadow:4px 4px  
4px 4px #91186C; box-shadow:4px 4px 4px  
4px #91186C }
```

# Background

The CSS property to change the background color of an element to Hex 91186C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91186C }
```

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

```
.background{ background-color:#91186C }
```

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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