

Converting Colors

Hex(90286C)

Have a look what the booklet for
Hex(90286C) contains.

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Color

Hex(90286C)

Conversions

Conversions Part 1

Format	Color
Hex	90286C
RGB	144, 40, 108
RGB Percent	56%, 16%, 42%
CMY	0.4353, 0.8431, 0.5765
CMYK	0.00, 0.72, 0.25, 0.44
HSL	321°, 57%, 36%
HSV	321°, 72%, 56%
XYZ	14.9672, 8.5296, 15.0449
YIQ	78.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

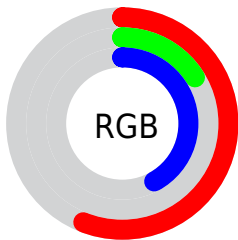
Format	Color
R_{YB}	144, 40, 108
Decimal	9447532
CIE _{Lab}	35.06, 49.91, -15.36
CIE _{LCh}	35, 52.217, 342.895
Yxy	8.5296, 0.3883, 0.2213
Android (android.graphics.Color)	4287637612 (0xFF90286C)
YUV	78.8480, 14.3719, 57.1383
Hunter-Lab	29.2055, 40.3679, -10.0988

Details

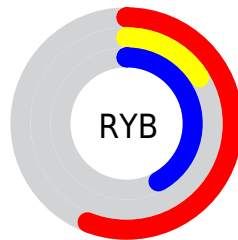
The Hex color **90286C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28904C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C95EA0**, and **5A003C** is the 20% darker color. If you saturate the color by 10%, you get **901A67**, and if you desaturate by 10%, it is **903671**.

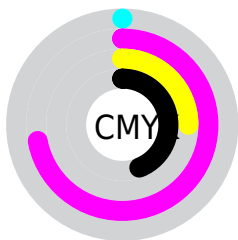
Distribution



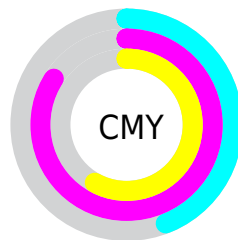
- Red (56%)
- Green (16%)
- Blue (42%)



- Red (56%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (25%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90286C 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 90286C by changing the saturation by 10% instead.

90286C

90286C

FFFFFF

750254

C95EA0

5A003C

E679BB

400027

FF95D6

270011

FFB0F3

000000

FFCDDF

FFEAFD

90286C

90286C

901A67

903671

900B62

904576

90005E

90537B

906280

907085

907E8A

908D8F

909B94

90AA99

Harmonies

Analogous

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



6A3E90



90286C



9B2242

Triad

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



90286C



545600



00648B

Complementary

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



90286C



28904C

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.



006564



90286C



215F0A

Square

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



90286C



784800



006338



005EA3

Rectangle

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



90286C



972D28



006338



00647F

Sweetspot

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



90286C



BA91AC



4B2890



5E4656



DEDEDE



5E5E5E

Same Dimension

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



90286C



BA1882



902839



474045



870058



080005

Inverse Universe

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



90286C



BA1882



28907F



474045



870058



080005

Previews

White Background



This preview shows how the Hex color 90286C looks on a white background.

Color Contrast Check

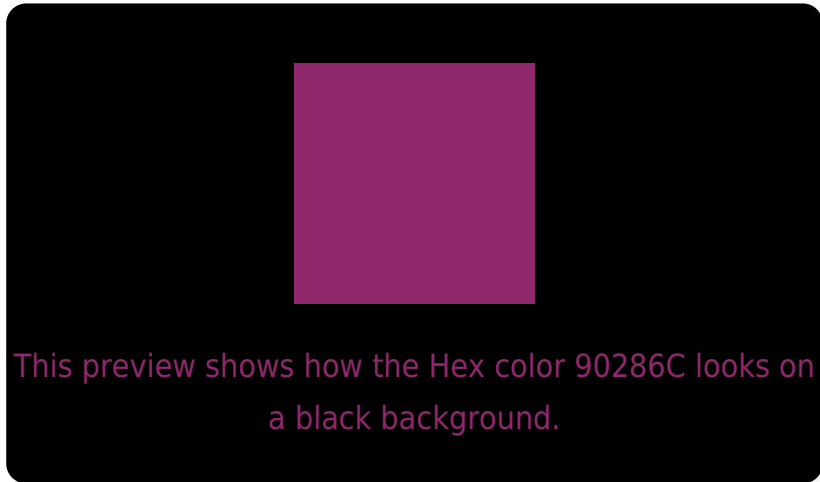
Large Text (above 18pt) WCAG AA ✓ Pass

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

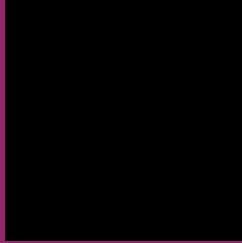
Any Text WCAG AA × Fail

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 90286C Background



This preview shows how black text looks on a background with the Hex color 90286C.

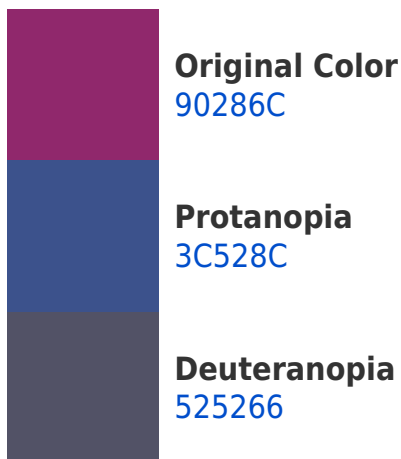



This preview shows how white text looks on a background with the Hex color 90286C.

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
8C373A

Trichromacy



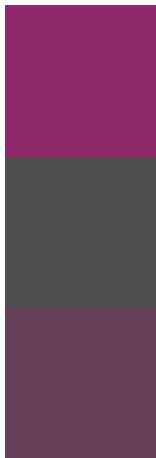
Original Color
90286C

Protanomaly
5B4380

Deuteranomaly
694368

Tritanomaly
8D324C

Monochromacy



Original Color
90286C

Achromatopsia
4F4F4F

Achromatomaly
67415A

CSS Examples

Text

The CSS property to change the color of the text to Hex 90286C 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 #90286C looks like.

```
.text, #text, p{  
    color:#90286C  
}
```

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 #90286C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90286C
}
```

Border

The CSS property to change the border of an element to Hex 90286C is called "border". The border property can be set on classes, ids or directly on the HTML element.

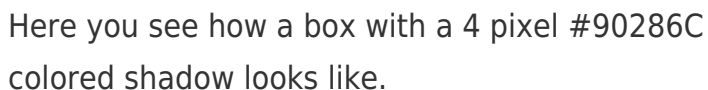
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90286C }
```

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

```
.border{ border-color:#90286C }
```

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



Here you see how a box with a 4 pixel #90286C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90286C; -webkit-box-shadow:4px 4px  
4px 4px #90286C; box-shadow:4px 4px 4px  
4px #90286C }
```

Background

The CSS property to change the background color of an element to Hex 90286C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90286C }
```

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

```
.background{ background-color:#90286C }
```

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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