

Converting Colors

Hex(90236F)

Have a look what the booklet for
Hex(90236F) contains.

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Color

Hex(90236F)

Conversions

Conversions Part 1

Format	Color
Hex	90236F
RGB	144, 35, 111
RGB Percent	56%, 14%, 44%
CMY	0.4353, 0.8627, 0.5647
CMYK	0.00, 0.76, 0.23, 0.44
HSL	318°, 61%, 35%
HSV	318°, 76%, 56%
XYZ	14.9719, 8.2791, 15.8478
YIQ	76.2550, 40.5680, 46.7440

Conversions

Conversions Part 2

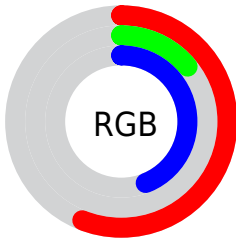
Format	Color
R_{YB}	144, 35, 111
Decimal	9446255
CIE _{Lab}	34.56, 52.11, -18.04
CIE _{LCh}	35, 55.145, 340.909
Yxy	8.2791, 0.3829, 0.2117
Android (android.graphics.Color)	4287636335 (0xFF90236F)
YUV	76.2550, 17.1293, 59.4124
Hunter-Lab	28.7733, 42.5270, -12.5145

Details

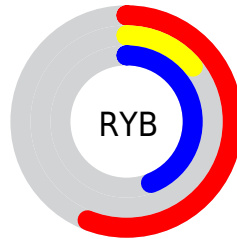
The Hex color **90236F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **239044**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C95BA3**, and **59003F** is the 20% darker color. If you saturate the color by 10%, you get **90156B**, and if you desaturate by 10%, it is **903173**.

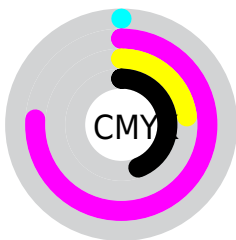
Distribution



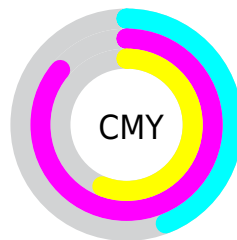
- Red (56%)
- Green (14%)
- Blue (44%)



- Red (56%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (76%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90236F 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 90236F by changing the saturation by 10% instead.

90236F

90236F

FFFFFF

740056

C95BA3

59003F

E676BE

400029

FF91DA

260014

FFADF6

000000

FFC9FF

FFE6FF

90236F

90236F

90156B

903173

900666

904078

900064

904E7C

905D80

906B85

907989

90888E

909692

90A596

Harmonies

Analogous

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



663D94



90236F



9D1943

Triad

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



90236F



555400



00638A

Complementary

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



90236F



239044

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.



006461



90236F



205E00

Square

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



90236F



7A4500



006333



005EA5

Rectangle

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



90236F



992627



006333



00647D

Sweetspot

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



90236F



BA8FAD



442390



5E4456



DEDEDE



5E5E5E

Same Dimension

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



90236F



BA1187



902339



474045



87005E



080005

Inverse Universe

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



90236F



BA1187



23907A



474045



87005E



080005

Previews

White Background



This preview shows how the Hex color 90236F looks on a white background.

Color Contrast Check

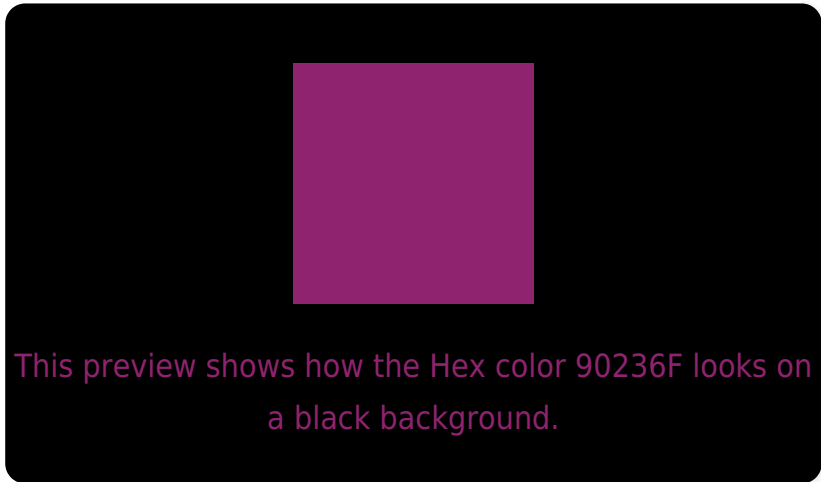
Large Text (above 18pt) WCAG AA ✓ Pass

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

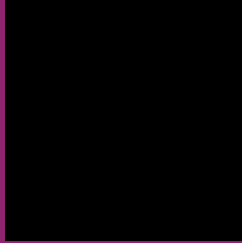
Any Text WCAG AA × Fail

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 90236F Background



This preview shows how black text looks on a background with the Hex color 90236F.

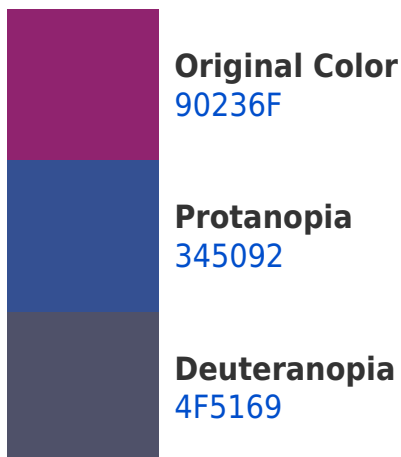



This preview shows how white text looks on a background with the Hex color 90236F.

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](#).

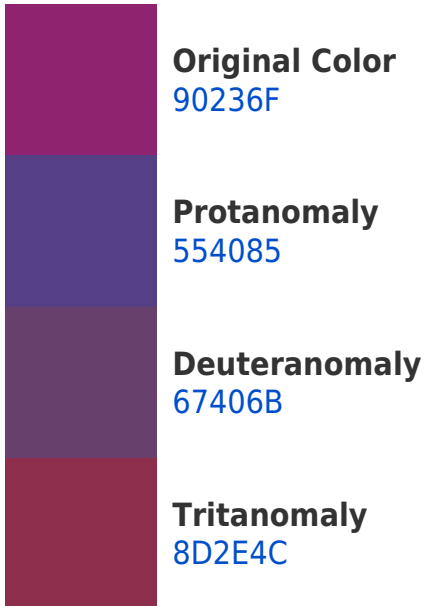
Dichromacy



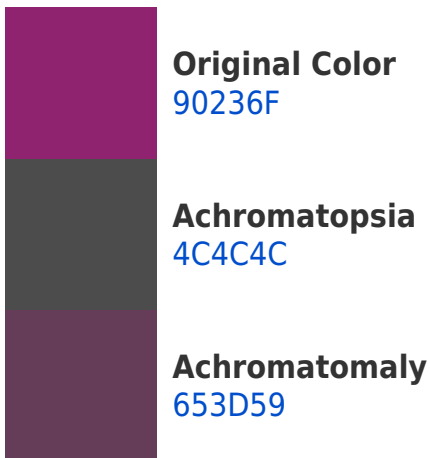


Tritanopia
8B3538

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90236F 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 #90236F looks like.

```
.text, #text, p{  
    color:#90236F  
}
```

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 #90236F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90236F
}
```

Border

The CSS property to change the border of an element to Hex 90236F is called "border". The border property can be set on classes, ids or directly on the HTML element.

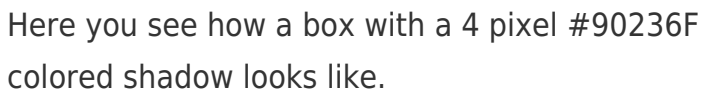
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90236F }
```

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

```
.border{ border-color:#90236F }
```

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



Here you see how a box with a 4 pixel #90236F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90236F; -webkit-box-shadow:4px 4px  
4px 4px #90236F; box-shadow:4px 4px 4px  
4px #90236F }
```

Background

The CSS property to change the background color of an element to Hex 90236F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90236F }
```

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

```
.background{ background-color:#90236F }
```

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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