

# Converting Colors

Hex(91296D)

Have a look what the booklet for  
Hex(91296D) contains.

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# Color

**Hex(91296D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91296D
RGB	145, 41, 109
RGB Percent	57%, 16%, 43%
CMY	0.4314, 0.8392, 0.5725
CMYK	0.00, 0.72, 0.25, 0.43
HSL	321°, 56%, 36%
HSV	321°, 72%, 57%
XYZ	15.2303, 8.7097, 15.3464
YIQ	79.8480, 40.1560, 43.1960

# Conversions

## Conversions Part 2

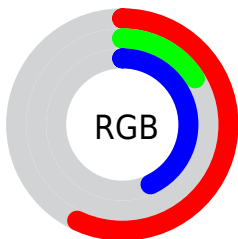
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 41, 109
Decimal	9513325
CIE <sub>Lab</sub>	35.42, 49.94, -15.43
CIE <sub>LCh</sub>	35, 52.271, 342.832
Yxy	8.7097, 0.3877, 0.2217
Android (android.graphics.Color)	4287703405 (0xFF91296D)
YUV	79.8480, 14.3719, 57.1383
Hunter-Lab	29.5123, 40.4715, -10.1723

# Details

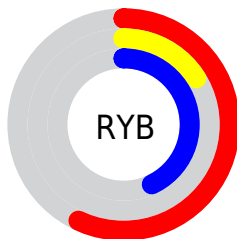
The Hex color **91296D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29914D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **CA5FA1**, and **5B003D** is the 20% darker color. If you saturate the color by 10%, you get **911B68**, and if you desaturate by 10%, it is **913872**.

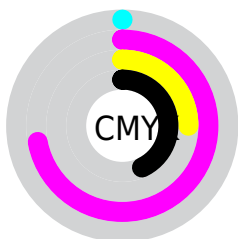
# Distribution



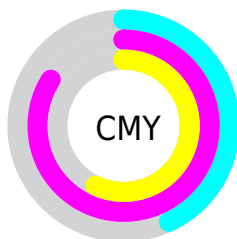
- Red (57%)
- Green (16%)
- Blue (43%)



- Red (57%)
- Yellow (16%)
- Blue (43%)



- Cyan (0%)
- Magenta (72%)
- Yellow (25%)
- Black (43%)



- Cyan (43%)
- Magenta (84%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91296D 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 91296D by changing the saturation by 10% instead.



91296D

91296D

FFFFFF

750455

CA5FA1

5B003D

E77ABC

400027

FF95D7

280012

FFB1F4

000000

FFCEFF

FFEBFF

91296D

91296D

911B68

913872

910C63

914677

91005F

91557C

916381

917286

91808B

918F90

919D95

91AB9A

# Harmonies

## Analogous

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



6B3F91



91296D



9C2343

# Triad

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



91296D



555700



00658C

# Complementary

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



91296D



29914D

# 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.



006665



91296D



22600B

# Square

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



91296D



794800



006439



005FA4

# Rectangle

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



91296D



982D29



006439



006580



# Sweetspot

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



91296D



BD93AE



4C2991



5E4656



DEDEDE



5E5E5E



# Same Dimension

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



91296D



BD1A85



91293A



474045



870058



080005



# Inverse Universe

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



91296D



BD1A85



299180



474045



870058

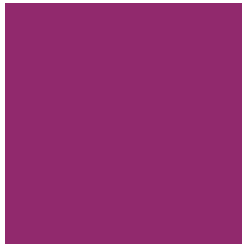


080005



# Previews

## White Background



This preview shows how the Hex color 91296D looks on a white background.

## Color Contrast Check

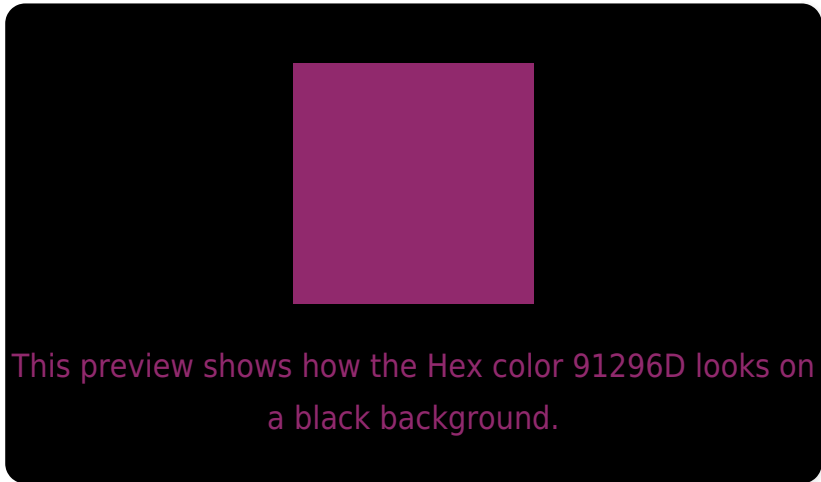
Large Text (above 18pt) WCAG AA ✓ Pass

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

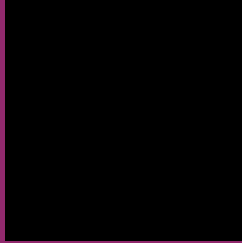
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 91296D Background



This preview shows how black text looks on a background with the Hex color 91296D.

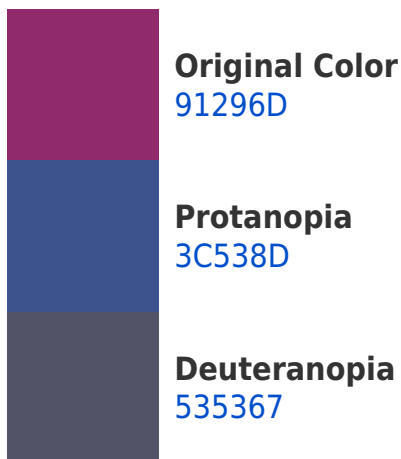



This preview shows how white text looks on a background with the Hex color 91296D.

# 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**  
8D383B

# Trichromacy



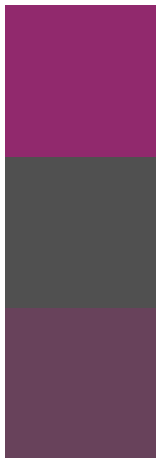
**Original Color**  
91296D

**Protanomaly**  
5B4481

**Deuteranomaly**  
6A4469

**Tritanomaly**  
8E334D

# Monochromacy



**Original Color**  
91296D

**Achromatopsia**  
505050

**Achromatomaly**  
68425B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91296D 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 #91296D looks like.

```
.text, #text, p{  
    color:#91296D  
}
```

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 #91296D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91296D
}
```

## Border

The CSS property to change the border of an element to Hex 91296D is called "border". The border property can be set on classes, ids or directly on the HTML element.

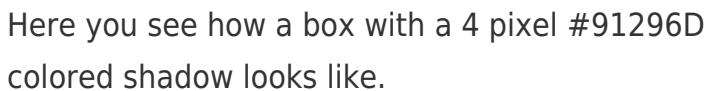
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91296D }
```

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

```
.border{ border-color:#91296D }
```

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



Here you see how a box with a 4 pixel #91296D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91296D; -webkit-box-shadow:4px 4px  
4px 4px #91296D; box-shadow:4px 4px 4px  
4px #91296D }
```

# Background

The CSS property to change the background color of an element to Hex 91296D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91296D }
```

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

```
.background{ background-color:#91296D }
```

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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