

Converting Colors

Hex(91689D)

Have a look what the booklet for
Hex(91689D) contains.

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Color

Hex(91689D)

Conversions

Conversions Part 1

Format	Color
Hex	91689D
RGB	145, 104, 157
RGB Percent	57%, 41%, 62%
CMY	0.4314, 0.5922, 0.3843
CMYK	0.08, 0.34, 0.00, 0.38
HSL	286°, 21%, 51%
HSV	286°, 34%, 62%
XYZ	22.7132, 18.3547, 34.2440
YIQ	122.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

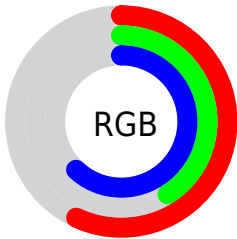
Format	Color
R_{YB}	145, 104, 157
Decimal	9529501
CIE _{Lab}	49.92, 26.12, -22.35
CIE _{LCh}	50, 34.379, 319.453
Y _{xy}	18.3547, 0.3016, 0.2437
Android (android.graphics.Color)	4287719581 (0xFF91689D)
YUV	122.3010, 17.1066, 19.9070
Hunter-Lab	42.8424, 19.6588, -17.4009

Details

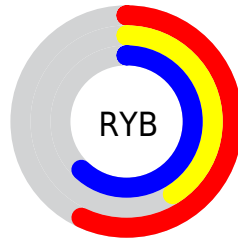
The Hex color **91689D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749D68**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C89CD4**, and **5E3869** is the 20% darker color. If you saturate the color by 10%, you get **8D589D**, and if you desaturate by 10%, it is **95789D**.

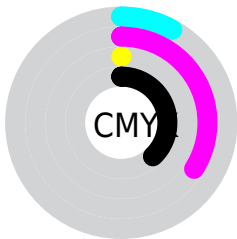
Distribution



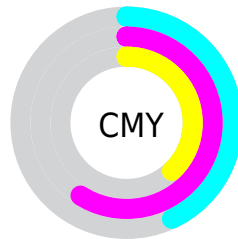
- Red (57%)
- Green (41%)
- Blue (62%)



- Red (57%)
- Yellow (41%)
- Blue (62%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91689D 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 91689D by changing the saturation by 10% instead.

91689D

91689D

FFFFFF

774F83

C89CD4

5E3869

E4B7F0

452151

FFD3FF

2E0B3A

FFEFFF

1D0025

00000C

000000

91689D

91689D

8D589D

95789D

8A499D

98879D

86399D

9C979D

83299D

9FA79D

7F199D

A3B79D

7C0A9D

A6C69D

79009D

AAD69D

ADE69D

B1F59D

Harmonies

Analogous

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



6A73AE



91689D



A86082

Triad

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



91689D



92713D



008689

Complementary

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



91689D



749D68

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.



27856B



91689D



767B3E

Square

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



91689D



A6674B



548250



0083A2

Rectangle

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



91689D



AE5F6F



548250



00867F

Sweetspot

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



91689D



C7B8CC



68749D



635A66



E6E6E6



666666

Same Dimension

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



91689D



B978CC



9D688F



4D474F



6E008F



0C000F

Inverse Universe

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



9D6874



CC788B



689D76



4F4749



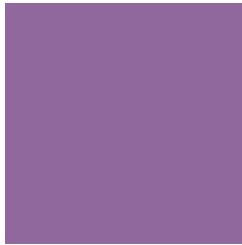
8F0020



0F0003

Previews

White Background



This preview shows how the Hex color 91689D looks on a white background.

Color Contrast Check

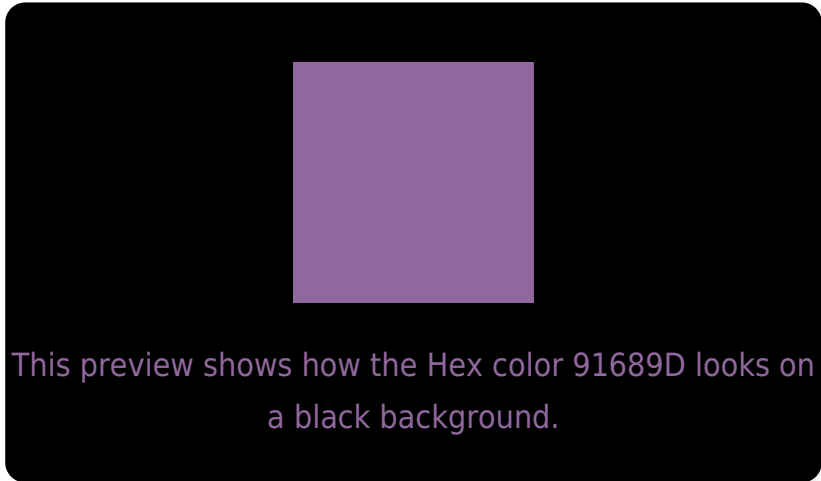
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

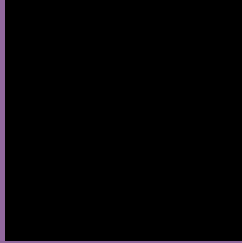
Any Text WCAG AA ✓ Pass

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 91689D Background



This preview shows how black text looks on a background with the Hex color 91689D.

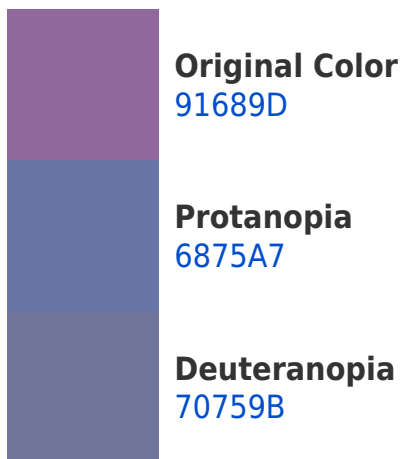


This preview shows how white text looks on a background with the Hex color 91689D.

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
8C6F78

Trichromacy



Original Color
91689D

Protanomaly
7770A3

Deuteranomaly
7C709C

Tritanomaly
8E6C85

Monochromacy



Original Color
91689D

Achromatopsia
7A7A7A

Achromatomaly
827387

CSS Examples

Text

The CSS property to change the color of the text to Hex 91689D 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 #91689D looks like.

```
.text, #text, p{  
    color:#91689D  
}
```

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 #91689D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91689D
}
```

Border

The CSS property to change the border of an element to Hex 91689D is called "border". The border property can be set on classes, ids or directly on the HTML element.

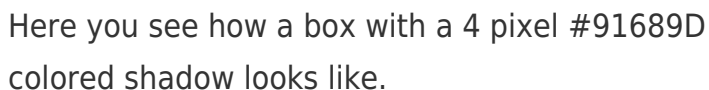
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91689D }
```

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

```
.border{ border-color:#91689D }
```

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



Here you see how a box with a 4 pixel #91689D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91689D; -webkit-box-shadow:4px 4px  
4px 4px #91689D; box-shadow:4px 4px 4px  
4px #91689D }
```

Background

The CSS property to change the background color of an element to Hex 91689D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91689D }
```

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

```
.background{ background-color:#91689D }
```

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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