

Converting Colors

Hex(901EB4)

Have a look what the booklet for
Hex(901EB4) contains.

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Color

Hex(901EB4)

Conversions

Conversions Part 1

Format	Color
Hex	901EB4
RGB	144, 30, 180
RGB Percent	56%, 12%, 71%
CMY	0.4353, 0.8824, 0.2941
CMYK	0.20, 0.83, 0.00, 0.29
HSL	286°, 71%, 41%
HSV	286°, 83%, 71%
XYZ	20.2041, 10.1531, 44.0749
YIQ	81.1860, 19.7940, 70.8180

Conversions

Conversions Part 2

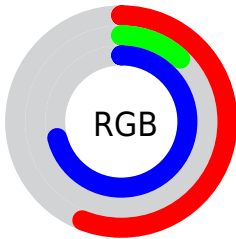
Format	Color
R_{YB}	144, 30, 180
Decimal	9445044
CIE _{Lab}	38.12, 65.15, -54.64
CIE _{LCh}	38, 85.029, 320.010
Yxy	10.1531, 0.2714, 0.1364
Android (android.graphics.Color)	4287635124 (0xFF901EB4)
YUV	81.1860, 48.7153, 55.0879
Hunter-Lab	31.8640, 57.4201, -59.7064

Details

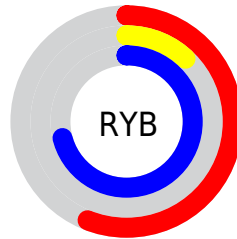
The Hex color **901EB4** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **42B41E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **CA5BED**, and **58007E** is the 20% darker color. If you saturate the color by 10%, you get **8C0CB4**, and if you desaturate by 10%, it is **9430B4**.

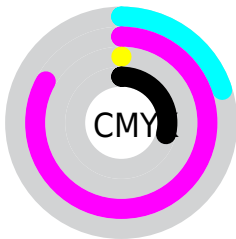
Distribution



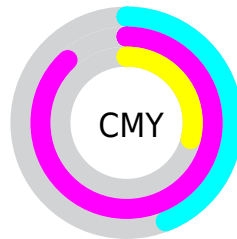
- Red (56%)
- Green (12%)
- Blue (71%)



- Red (56%)
- Yellow (12%)
- Blue (71%)



- Cyan (20%)
- Magenta (83%)
- Yellow (0%)
- Black (29%)



- Cyan (44%)
- Magenta (88%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 901EB4 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 901EB4 by changing the saturation by 10% instead.

901EB4

901EB4

FFFFFF

740099

CA5BED

58007E

E777FF

3C0064

FF93FF

22004C

FFAFFF

000034

FFCCFF

00021E

FFE9FF

000000

901EB4

901EB4

8C0CB4

9430B4

8900B4

9942B4

9D54B4

A166B4

A678B4

AA8AB4

AE9CB4

B3AEB4

B7C0B4

Harmonies

Analogous

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



0053DF



901EB4



C30074

Triad

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



901EB4



814F00



007488

Complementary

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



901EB4



42B41E

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.



00723F



901EB4



416400

Square

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



901EB4



B02000



006E00



0073C4

Rectangle

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



901EB4



CB0047



006E00



007370

Sweetspot

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



901EB4



DDB0EB



1E44B4



6D5275



F5F5F5



757575

Same Dimension

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



901EB4



B200EB



B41E8F



575059



740099



13001A

Inverse Universe

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



B41E42



EB0038



1EB444



595052



990025



1A0006

Previews

White Background



This preview shows how the Hex color 901EB4 looks on a white background.

Color Contrast Check

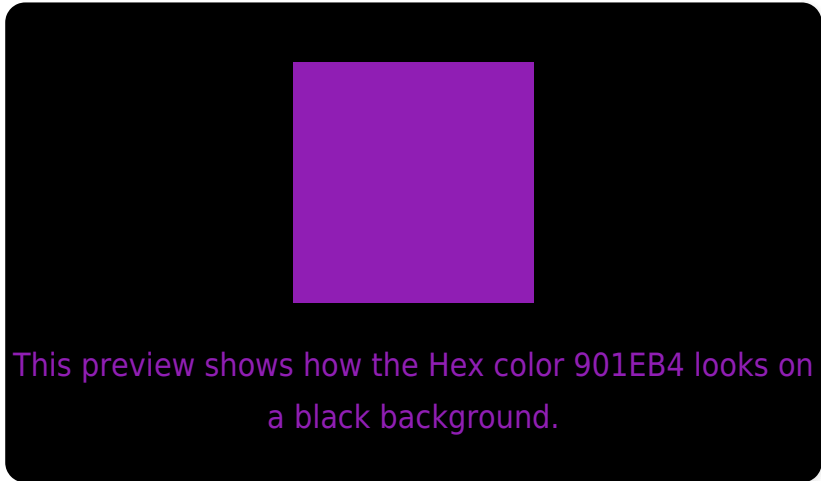
Large Text (above 18pt) WCAG AA ✓ Pass

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

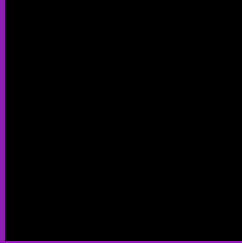
Any Text WCAG AA × Fail

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 901EB4 Background



This preview shows how black text looks on a background with the Hex color 901EB4.

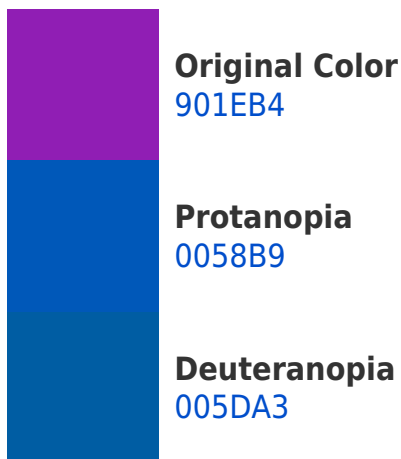



This preview shows how white text looks on a background with the Hex color 901EB4.

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](#).

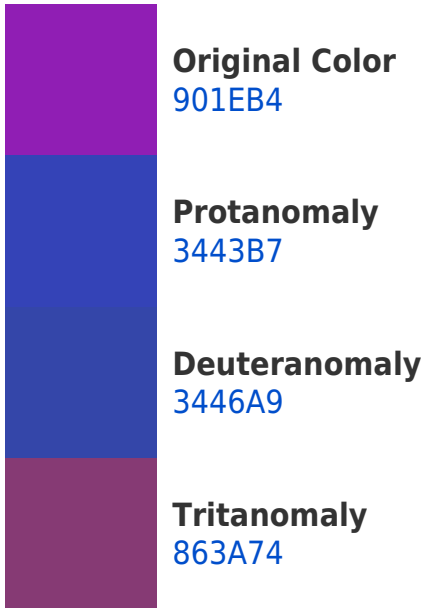
Dichromacy



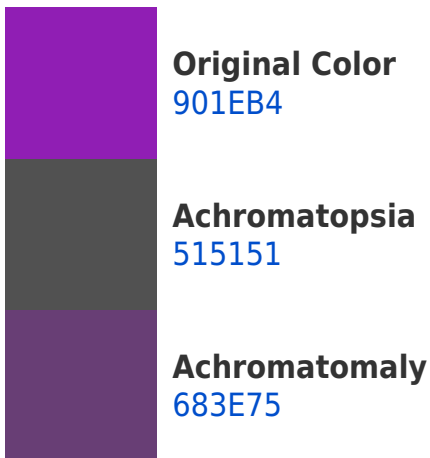


Tritanopia
814A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 901EB4 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 #901EB4 looks like.

```
.text, #text, p{  
    color:#901EB4  
}
```

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 #901EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #901EB4
}
```

Border

The CSS property to change the border of an element to Hex 901EB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

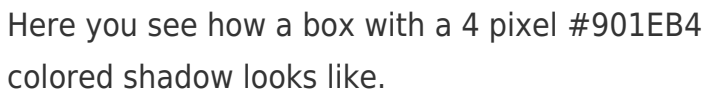
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#901EB4 }
```

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

```
.border{ border-color:#901EB4 }
```

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



Here you see how a box with a 4 pixel #901EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #901EB4; -webkit-box-shadow:4px 4px  
4px 4px #901EB4; box-shadow:4px 4px 4px  
4px #901EB4 }
```

Background

The CSS property to change the background color of an element to Hex 901EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#901EB4 }
```

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

```
.background{ background-color:#901EB4 }
```

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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