

Converting Colors

Hex(900D64)

Have a look what the booklet for
Hex(900D64) contains.

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Color

Hex(900D64)

Conversions

Conversions Part 1

Format	Color
Hex	900D64
RGB	144, 13, 100
RGB Percent	56%, 5%, 39%
CMY	0.4353, 0.9490, 0.6078
CMYK	0.00, 0.91, 0.31, 0.44
HSL	320°, 83%, 31%
HSV	320°, 91%, 56%
XYZ	13.9458, 7.1372, 12.6992
YIQ	62.0870, 50.1490, 54.8290

Conversions

Conversions Part 2

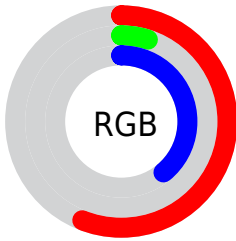
Format	Color
R_{YB}	144, 13, 100
Decimal	9440612
CIE _{Lab}	32.12, 56.31, -14.76
CIE _{LCh}	32, 58.216, 345.317
Yxy	7.1372, 0.4128, 0.2113
Android (android.graphics.Color)	4287630692 (0xFF900D64)
YUV	62.0870, 18.6911, 71.8377
Hunter-Lab	26.7156, 46.4262, -9.4824




Details

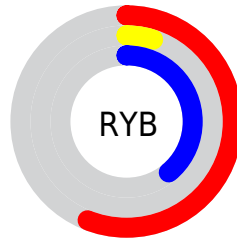
The Hex color **900D64** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0D9039**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **CA4F97**, and **590035** is the 20% darker color. If you saturate the color by 10%, you get **900060**, and if you desaturate by 10%, it is **901B69**.

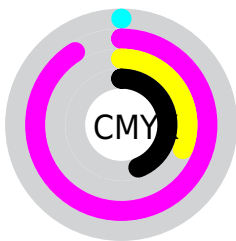
Distribution







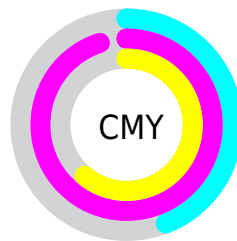
-  Red (56%)
-  Green (5%)
-  Blue (39%)






-  Red (56%)
-  Yellow (5%)
-  Blue (39%)



-  Cyan (0%)
-  Magenta (91%)
-  Yellow (31%)
-  Black (44%)



-  Cyan (44%)
-  Magenta (95%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 900D64 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 900D64 by changing the saturation by 10% instead.

 900D64

 900D64

FFFFFF

 74004C

 CA4F97

 590035

 E76AB2

 3F0020

 FF86CD

 240004

 FFA2E9

 000000

 FFBEFF

 FFDBFF

 FFF8FF

 900D64

 900D64

■ 900060

■ 901B69

■ 902A6E

■ 903873

■ 904777

■ 90557C

■ 906381

■ 907286

■ 90808B

■ 908F90

Harmonies

Analogous

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



69318D



900D64



990337

Triad

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



900D64



485100



005E8C

Complementary

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



900D64



0D9039

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.



005F63



900D64



005900

Square

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



900D64



6F4100



005D33



0058A5

Rectangle

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



900D64



931D19



005D33



005E80

Sweetspot

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



900D64



BA88A9



390D90



5E4054



DEDEDE



5E5E5E

Same Dimension

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



900D64



BA007C



900D23



474045



87005A



080005

Inverse Universe

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



900D64



BA007C



0D907A



474045



87005A



080005

Previews

White Background



This preview shows how the Hex color 900D64 looks on a white background.

Color Contrast Check

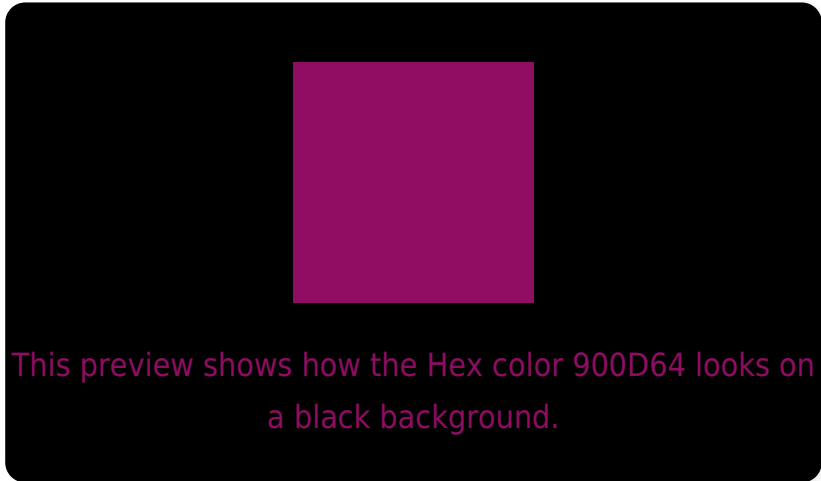
Large Text (above 18pt) WCAG AA ✓ Pass

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

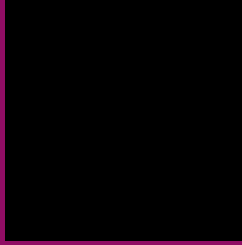
Any Text WCAG AA × Fail

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 900D64 Background



This preview shows how black text looks on a background with the Hex color 900D64.

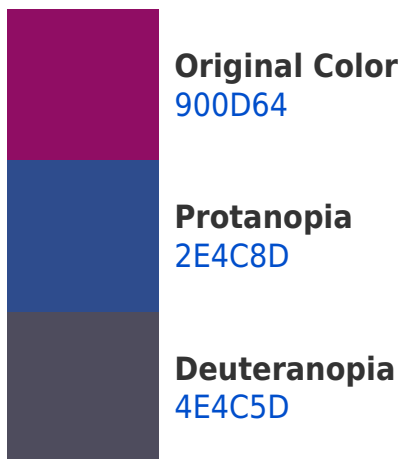


This preview shows how white text looks on a background with the Hex color 900D64.

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
8C292B

Trichromacy



Original Color

900D64



Protanomaly

52357E



Deuteranomaly

663560



Tritanomaly

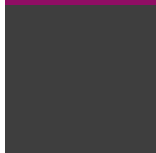
8D1F40

Monochromacy



Original Color

900D64



Achromatopsia

3E3E3E



Achromatomaly

5C2C4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 900D64 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 #900D64 looks like.

```
.text, #text, p{  
    color:#900D64  
}
```

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 #900D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900D64
}
```

Border

The CSS property to change the border of an element to Hex 900D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

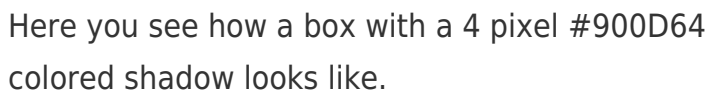
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#900D64 }
```

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

```
.border{ border-color:#900D64 }
```

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



Here you see how a box with a 4 pixel #900D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900D64; -webkit-box-shadow:4px 4px  
4px 4px #900D64; box-shadow:4px 4px 4px  
4px #900D64 }
```

Background

The CSS property to change the background color of an element to Hex 900D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900D64 }
```

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

```
.background{ background-color:#900D64 }
```

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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