

# Converting Colors

Hex(912164)

Have a look what the booklet for  
Hex(912164) contains.

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# Color

**Hex(912164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	912164
RGB	145, 33, 100
RGB Percent	57%, 13%, 39%
CMY	0.4314, 0.8706, 0.6078
CMYK	0.00, 0.77, 0.31, 0.43
HSL	324°, 63%, 35%
HSV	324°, 77%, 57%
XYZ	14.5212, 8.0276, 12.8407
YIQ	74.1260, 45.2450, 44.5810

# Conversions

## Conversions Part 2

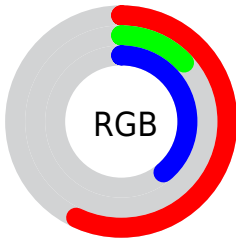
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 33, 100
Decimal	9511268
CIE <sub>Lab</sub>	34.04, 51.60, -11.80
CIE <sub>LCh</sub>	34, 52.937, 347.118
Yxy	8.0276, 0.4103, 0.2268
Android (android.graphics.Color)	4287701348 (0xFF912164)
YUV	74.1260, 12.7559, 62.1565
Hunter-Lab	28.3329, 41.9019, -7.0376

# Details

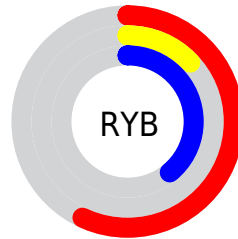
The Hex color **912164** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21914E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CA5997**, and **5A0035** is the 20% darker color. If you saturate the color by 10%, you get **91135E**, and if you desaturate by 10%, it is **912F6A**.

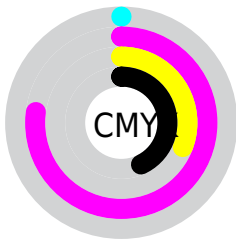
# Distribution



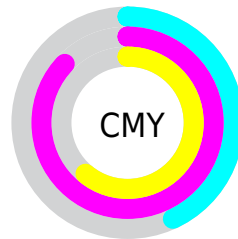
- Red (57%)
- Green (13%)
- Blue (39%)



- Red (57%)
- Yellow (13%)
- Blue (39%)



- Cyan (0%)
- Magenta (77%)
- Yellow (31%)
- Black (43%)




- Cyan (43%)
- Magenta (87%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 912164 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 912164 by changing the saturation by 10% instead.



 912164

 912164

FFFFFF

 75004C

 CA5997

 5A0035

 E874B2

 400020

 FF90CD

 270005


 FFABE9


 000000

 FFC8FF

 FFE5FF

 912164

 912164

 91135E

 912F6A

■ 910458

■ 913E70

■ 910057

■ 914D75

■ 915B7B

■ 916A81

■ 917887

■ 91878D

■ 919593

■ 91A498

# Harmonies

## Analogous

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



6F388A



912164



991F3A

# Triad

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



912164



4B5500



00618D

# Complementary

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



912164



21914E

# 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.



006268



912164



0E5D0E

# Square

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



912164



714800



00613C



005AA3

# Rectangle

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



912164



922C1F



00613C



006282



# Sweetspot

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



912164



BD91AB



4E2191



5E4454



DEDEDE



5E5E5E



# Same Dimension

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



912164



BD0D76



91212C



474045



870051



080005



# Inverse Universe

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



912164



BD0D76



219186



474045



870051



080005



# Previews

## White Background



This preview shows how the Hex color 912164 looks on a white background.

## Color Contrast Check

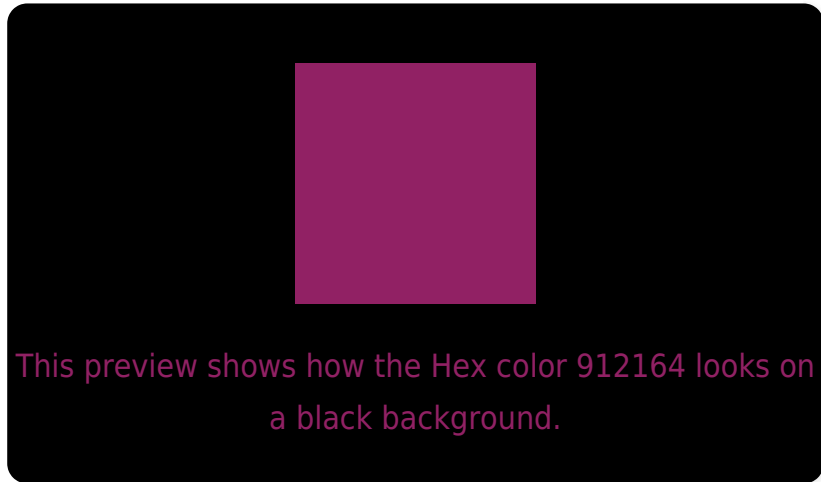
Large Text (above 18pt) WCAG AA ✓ Pass

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

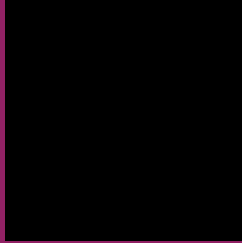
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 912164 Background



This preview shows how black text looks on a background with the Hex color 912164.



This preview shows how white text looks on a background with the Hex color 912164.

# 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



**Original Color**  
912164

**Protanopia**  
3C5085

**Deuteranopia**  
534F5E



**Tritanopia**  
8D3033

# Trichromacy



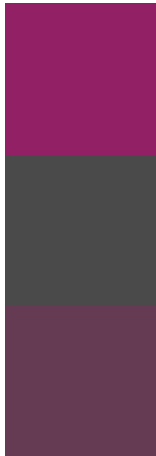
**Original Color**  
912164

**Protanomaly**  
5B3F79

**Deuteranomaly**  
6A3E60

**Tritanomaly**  
8E2B45

# Monochromacy



**Original Color**  
912164

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
643B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 912164 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 #912164 looks like.

```
.text, #text, p{  
    color:#912164  
}
```

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 #912164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #912164
}
```

## Border

The CSS property to change the border of an element to Hex 912164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

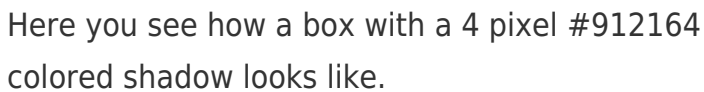
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#912164 }
```

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

```
.border{ border-color:#912164 }
```

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



Here you see how a box with a 4 pixel #912164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #912164; -webkit-box-shadow:4px 4px  
4px 4px #912164; box-shadow:4px 4px 4px  
4px #912164 }
```

# Background

The CSS property to change the background color of an element to Hex 912164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#912164 }
```

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

```
.background{ background-color:#912164 }
```

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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