

# Converting Colors

Hex(940568)

Have a look what the booklet for  
Hex(940568) contains.

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**Color**

**Hex(940568)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 940568                    |
| RGB           | 148, 5, 104               |
| RGB Percent   | 58%, 2%, 41%              |
| CMY           | 0.4196, 0.9804, 0.5922    |
| CMYK          | 0.00, 0.97, 0.30, 0.42    |
| HSL           | 318°, 93%, 30%            |
| HSV           | 318°, 97%, 58%            |
| XYZ           | 14.7657, 7.4039, 13.7476  |
| YIQ           | 59.0430, 53.4490, 61.1050 |

# Conversions

## Conversions Part 2

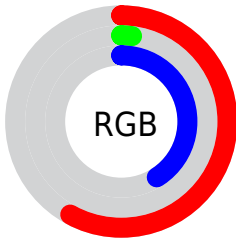
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 148, 5, 104                   |
| Decimal                             | 9700712                       |
| CIELab                              | 32.71, 58.83, -16.35          |
| CIELCh                              | 33, 61.064, 344.466           |
| Yxy                                 | 7.4039, 0.4111,<br>0.2061     |
| Android<br>(android.graphics.Color) | 4287890792<br>(0xFF940568)    |
| YUV                                 | 59.0430, 22.1638,<br>78.0153  |
| Hunter-Lab                          | 27.2101, 49.2461,<br>-10.9084 |

# Details

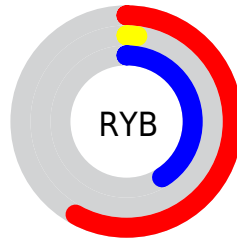
The Hex color **940568** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **059431**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **CE4D9B**, and **5C0039** is the 20% darker color. If you saturate the color by 10%, you get **940066**, and if you desaturate by 10%, it is **94146D**.

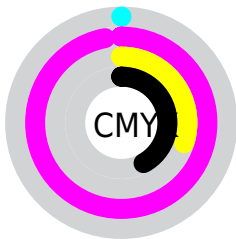
# Distribution



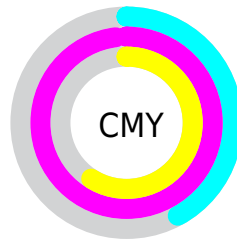
- Red (58%)
- Green (2%)
- Blue (41%)



- Red (58%)
- Yellow (2%)
- Blue (41%)



- Cyan (0%)
- Magenta (97%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (98%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 940568 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 940568 by changing the saturation by 10% instead.





940568



940568

FFFFFF



780050



CE4D9B



5C0039



EC69B6



420023



FF85D2



27000A



FFA1EE



000000



FFBDFF



FFDAFF



FFF8FF



940568



940568

■ 940066

■ 94146D

■ 942371

■ 943176

■ 94407A

■ 944F7F

■ 945E83

■ 946D88

■ 947B8C

■ 948A91

# Harmonies

## Analogous

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



6A3293



940568



9E0038

# Triad

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



940568



4A5200



006090

# Complementary

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



940568



059431

# 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.



006164



940568



005B00

# Square

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



940568



734100



005F31



005AAB

# Rectangle

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



940568



981919



005F31



006183



# Sweetspot

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



940568



BF88AE



300594



613F56



E0E0E0



616161



# Same Dimension

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



940568



BF0084



940522



4A4348



8A005F



0A0007



# Inverse Universe

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



940568



BF0084



059477



4A4348



8A005F



0A0007



# Previews

## White Background



This preview shows how the Hex color 940568 looks on a white background.

## Color Contrast Check

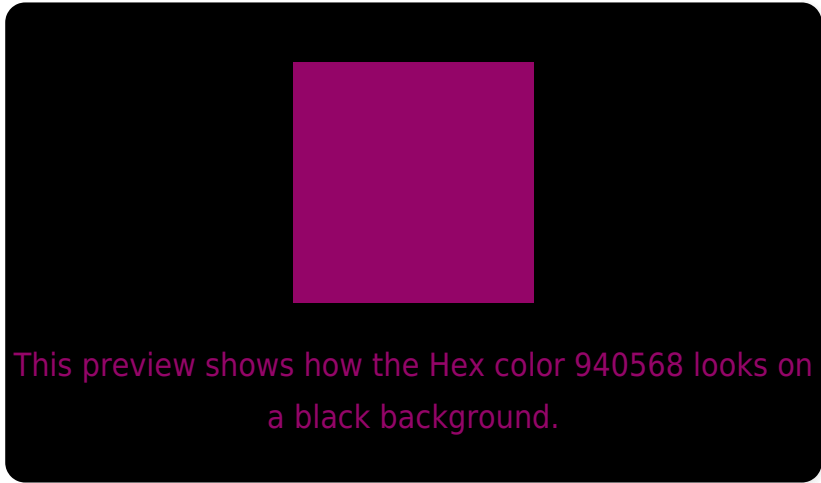
Large Text (above 18pt) WCAG AA ✓ Pass

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

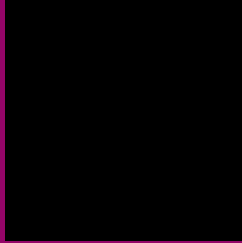
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 940568 Background



This preview shows how black text looks on a background with the Hex color 940568.

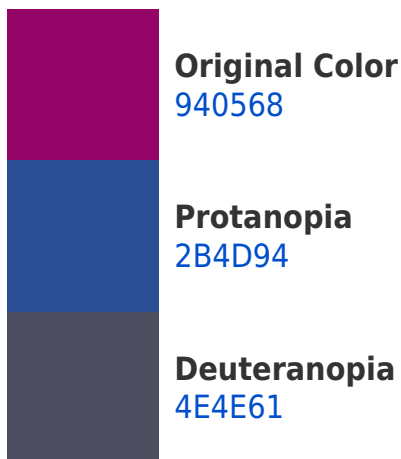


This preview shows how white text looks on a background with the Hex color 940568.

# 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**  
90292B

# Trichromacy



**Original Color**  
940568

**Protanomaly**  
513384

**Deuteranomaly**  
673364

**Tritanomaly**  
911C41

# Monochromacy



**Original Color**  
940568

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
5B274B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 940568 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 #940568 looks like.

```
.text, #text, p{  
    color:#940568  
}
```

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 #940568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #940568
}
```

## Border

The CSS property to change the border of an element to Hex 940568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

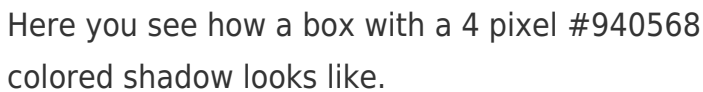
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#940568 }
```

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

```
.border{ border-color:#940568 }
```

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



Here you see how a box with a 4 pixel #940568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #940568; -webkit-box-shadow:4px 4px  
4px 4px #940568; box-shadow:4px 4px 4px  
4px #940568 }
```

# Background

The CSS property to change the background color of an element to Hex 940568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#940568 }
```

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

```
.background{ background-color:#940568 }
```

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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