

Converting Colors

Hex(930D61)

Have a look what the booklet for
Hex(930D61) contains.

Hex(930D61)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(930D61)

Conversions

Conversions Part 1

Format	Color
Hex	930D61
RGB	147, 13, 97
RGB Percent	58%, 5%, 38%
CMY	0.4235, 0.9490, 0.6196
CMYK	0.00, 0.91, 0.34, 0.42
HSL	322°, 84%, 31%
HSV	322°, 91%, 58%
XYZ	14.3342, 7.3540, 11.9732
YIQ	62.6420, 52.9000, 54.5320

Conversions

Conversions Part 2

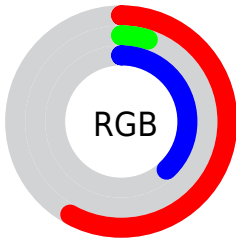
Format	Color
R_{YB}	147, 13, 97
Decimal	9637217
CIE _{Lab}	32.60, 56.66, -12.03
CIE _{LCh}	33, 57.925, 348.018
Yxy	7.3540, 0.4258, 0.2185
Android (android.graphics.Color)	4287827297 (0xFF930D61)
YUV	62.6420, 16.9385, 73.9820
Hunter-Lab	27.1182, 46.8953, -7.1950

Details

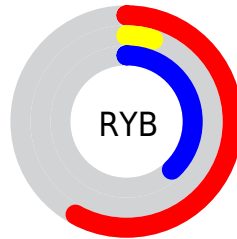
The Hex color **930D61** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0D933F**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **CD4F94**, and **5B0033** is the 20% darker color. If you saturate the color by 10%, you get **93005C**, and if you desaturate by 10%, it is **931C66**.

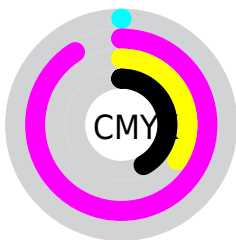
Distribution



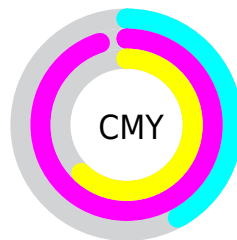
- Red (58%)
- Green (5%)
- Blue (38%)



- Red (58%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (42%)



- Cyan (42%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 930D61 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 930D61 by changing the saturation by 10% instead.

 930D61

 930D61

FFFFFF

 770049

 CD4F94

 5B0033

 EB6BAE

 41001E

 FF86CA

 260001

 FFA2E6

 000000

 FFBFFF

 FFD0FF

 FFF9FF

 930D61

 930D61

93005C

931C66

932A6C

933971

934877

93577C

936582

937487

93838D

939192

Harmonies

Analogous

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



6F308B



930D61



9A0A34

Triad

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



930D61



455300



005E90

Complementary

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



930D61



0D933F

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.



006068



930D61



005B00

Square

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



930D61



6E4400



005F38



0058A7

Rectangle

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



930D61



922216



005F38



005F84

Sweetspot

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



930D61



BF8CAC



3E0D93



614255



E0E0E0



616161

Same Dimension

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



930D61



BF0078



930D1F



4A4347



8A0056



0A0006

Inverse Universe

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



930D61



BF0078



0D9381



4A4347



8A0056



0A0006

Previews

White Background



This preview shows how the Hex color 930D61 looks on a white background.

Color Contrast Check

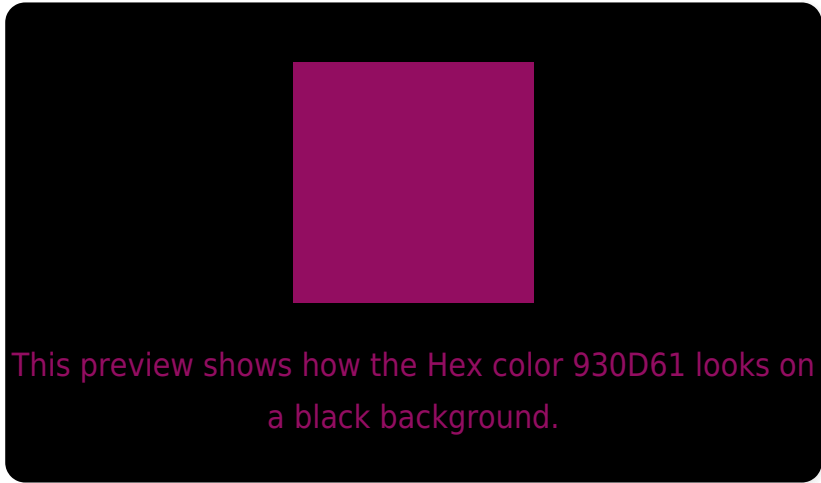
Large Text (above 18pt) WCAG AA ✓ Pass

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 930D61 Background



This preview shows how black text looks on a background with the Hex color 930D61.

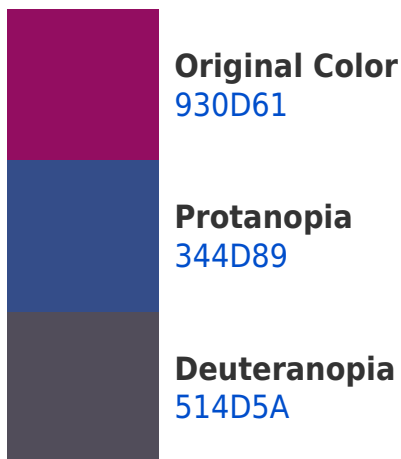


This preview shows how white text looks on a background with the Hex color 930D61.

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
8F2829

Trichromacy



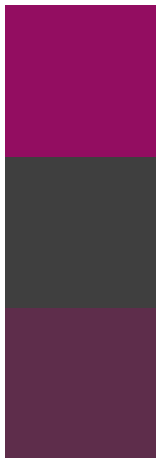
Original Color
930D61

Protanomaly
57367A

Deuteranomaly
69365D

Tritanomaly
901E3D

Monochromacy



Original Color
930D61

Achromatopsia
3F3F3F

Achromatomaly
5E2D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 930D61 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 #930D61 looks like.

```
.text, #text, p{  
    color:#930D61  
}
```

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 #930D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #930D61
}
```

Border

The CSS property to change the border of an element to Hex 930D61 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".

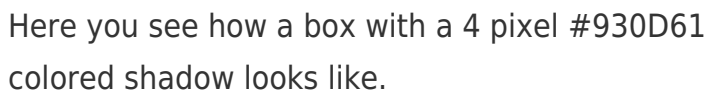
```
.border, #border, table{ border:4px solid
#930D61 }
```

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

```
.border{ border-color:#930D61 }
```

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

Here you see how a box with a 4 pixel #930D61 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #930D61; -webkit-box-shadow:4px 4px  
4px 4px #930D61; box-shadow:4px 4px 4px  
4px #930D61 }
```

Background

The CSS property to change the background color of an element to Hex 930D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#930D61 }
```

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

```
.background{ background-color:#930D61 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor