

# Converting Colors

Hex(900E27)

Have a look what the booklet for  
Hex(900E27) contains.

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# Color

**Hex(900E27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	900E27
RGB	144, 14, 39
RGB Percent	56%, 5%, 15%
CMY	0.4353, 0.9451, 0.8471
CMYK	0.00, 0.90, 0.73, 0.44
HSL	348°, 82%, 31%
HSV	348°, 90%, 56%
XYZ	12.0248, 6.3899, 2.5190
YIQ	55.7200, 69.4550, 35.3350

# Conversions

## Conversions Part 2

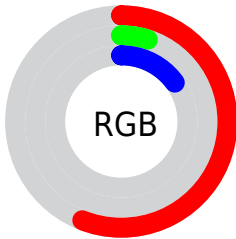
Format	Color
<a href="#">RYB</a>	<a href="#">144, 14, 39</a>
Decimal	<a href="#">9440807</a>
CIELab	<a href="#">30.38, 51.11, 22.97</a>
CIElCh	<a href="#">30, 56.035, 24.199</a>
Yxy	<a href="#">6.3899, 0.5744, 0.3052</a>
Android (android.graphics.Color)	<a href="#">4287630887 (0xFF900E27)</a>
YUV	<a href="#">55.7200, -8.2430, 77.4216</a>
Hunter-Lab	<a href="#">25.2782, 40.6759, 11.7863</a>

# Details

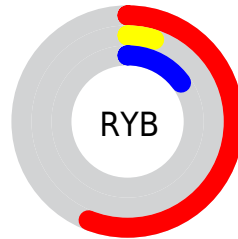
The Hex color **900E27** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0E9077**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **CC4D54**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **90001C**, and if you desaturate by 10%, it is **901C33**.

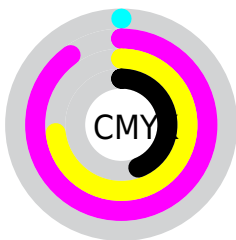
# Distribution



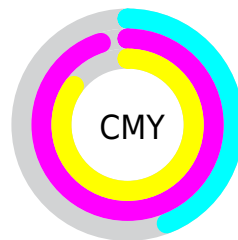
- Red (56%)
- Green (5%)
- Blue (15%)



- Red (56%)
- Yellow (5%)
- Blue (15%)



- Cyan (0%)
- Magenta (90%)
- Yellow (73%)
- Black (44%)



- Cyan (44%)
- Magenta (95%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 900E27 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 900E27 by changing the saturation by 10% instead.





900E27



900E27

FFFFFF



720013



CC4D54



560000



EB686C



3B0002



FF8385



150000



FF9E9F



000000



FFBBBA



FFD7D6



FFF5F2



900E27



900E27

■ 90001C

■ 901C33

■ 902B3E

■ 90394A

■ 904856

■ 905661

■ 90646D

■ 907378

■ 908184

■ 909090

# Harmonies

## Analogous

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



8E0152



900E27



7E2E00

# Triad

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



900E27



00560C



0050A0

# Complementary

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



900E27



0E9077

# 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.



00588F



900E27



00593D

# Square

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



900E27



374F00



005A6A



294098

# Rectangle

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



900E27



6B3D00



005A6A



00539D



# Sweetspot

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



900E27



BA8892



760E90



5E4046



DEDEDE



5E5E5E



# Same Dimension

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



900E27



BA0024



90350E



474042



87001A



080001



# Inverse Universe

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



900E27



BA0024



0E6990



474042



87001A

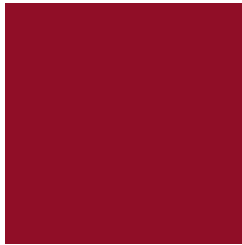


080001



# Previews

## White Background



This preview shows how the Hex color 900E27 looks on a white background.

## Color Contrast Check

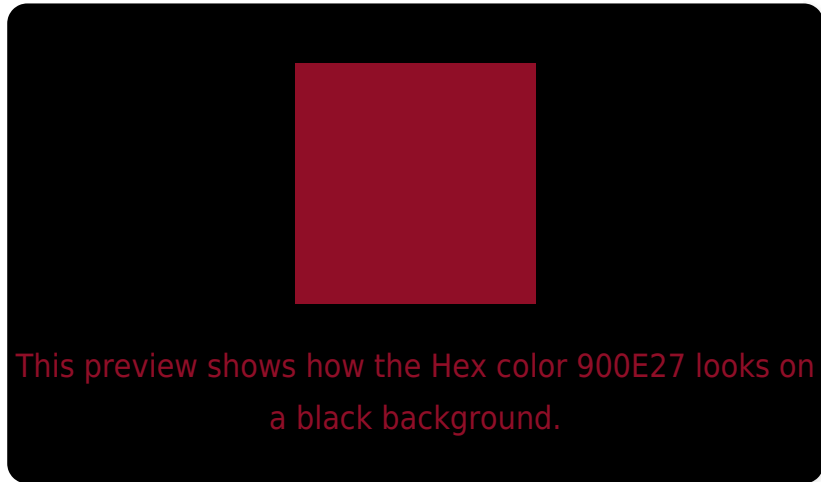
Large Text (above 18pt) WCAG AA ✓ Pass

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 900E27 Background



This preview shows how black text looks on a background with the Hex color 900E27.

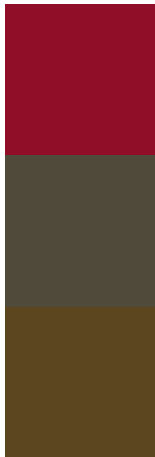


This preview shows how white text looks on a background with the Hex color 900E27.

# 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**  
900E27

**Protanopia**  
4F4A39

**Deuteranopia**  
5C4620



# Trichromacy



**Original Color**  
900E27

**Protanomaly**  
673432

**Deuteranomaly**  
6F3223

**Tritanomaly**  
90121A

# Monochromacy



**Original Color**  
900E27

**Achromatopsia**  
383838

**Achromatomaly**  
582932

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 900E27 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 #900E27 looks like.

```
.text, #text, p{  
    color:#900E27  
}
```

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 #900E27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900E27
}
```

## Border

The CSS property to change the border of an element to Hex 900E27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

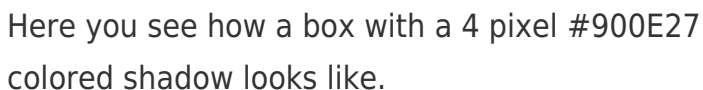
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#900E27 }
```

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

```
.border{ border-color:#900E27 }
```

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



Here you see how a box with a 4 pixel #900E27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900E27; -webkit-box-shadow:4px 4px  
4px 4px #900E27; box-shadow:4px 4px 4px  
4px #900E27 }
```

# Background

The CSS property to change the background color of an element to Hex 900E27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900E27 }
```

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

```
.background{ background-color:#900E27 }
```

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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