

Converting Colors

Hex(90000A)

Have a look what the booklet for
Hex(90000A) contains.

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Color

Hex(90000A)

Conversions

Conversions Part 1

Format	Color
Hex	90000A
RGB	144, 0, 10
RGB Percent	56%, 0%, 4%
CMY	0.4353, 1.0000, 0.9608
CMYK	0.00, 1.00, 0.93, 0.44
HSL	356°, 100%, 28%
HSV	356°, 100%, 56%
XYZ	11.5564, 5.9512, 0.8268
YIQ	44.1960, 82.6140, 33.6380

Conversions

Conversions Part 2

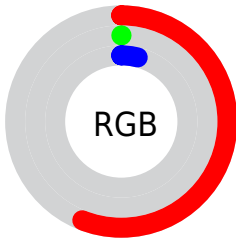
Format	Color
R_{YB}	144, 0, 10
Decimal	9437194
CIE _{Lab}	29.29, 52.49, 38.67
CIE _{LCh}	29, 65.199, 36.381
Yxy	5.9512, 0.6303, 0.3246
Android (android.graphics.Color)	4287627274 (0xFF90000A)
YUV	44.1960, -16.8586, 87.5281
Hunter-Lab	24.3951, 41.8672, 15.0672

Details

The Hex color **90000A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009086**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **CE4736**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **90000A**, and if you desaturate by 10%, it is **900E17**.

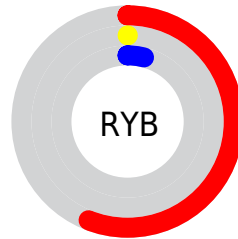
Distribution



Red (56%)

Green (0%)

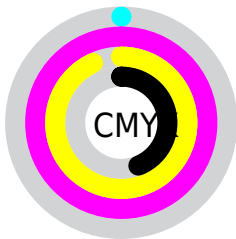
Blue (4%)



Red (56%)

Yellow (0%)

Blue (4%)

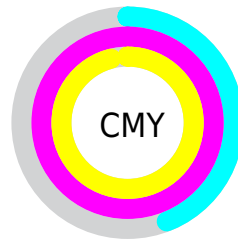


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (44%)



Cyan (44%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90000A 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 90000A by changing the saturation by 10% instead.

 90000A

 90000A

 FFFFED

 720000

 CE4736

 540000

 ED624E

 390002

 FF7D66

 100000

 FF9980

 000000

 FFB59A

 FFD2B5

 FFEFD0

 90000A

 900E17

 901D25

 902B32

 903A40

 90484D

 90565A

 906568

 907375

 908283

Harmonies

Analogous

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



99003D



90000A



743200

Triad

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



90000A



005618



0049AC

Complementary

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



90000A



009086

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.



0055A3



90000A



00594F

Square

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



90000A



0A5200



005981



4C3098

Rectangle

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



90000A



5B4100



005981



004EAC

Sweetspot

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



90000A



BA8286



840090



5E3C3F



DEDEDE



5E5E5E

Same Dimension

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



90000A



BA000D



903C00



474041



870009



080001

Inverse Universe

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



90000A



BA000D



005490



474041



870009



080001

Previews

White Background



This preview shows how the Hex color 90000A looks on a white background.

Color Contrast Check

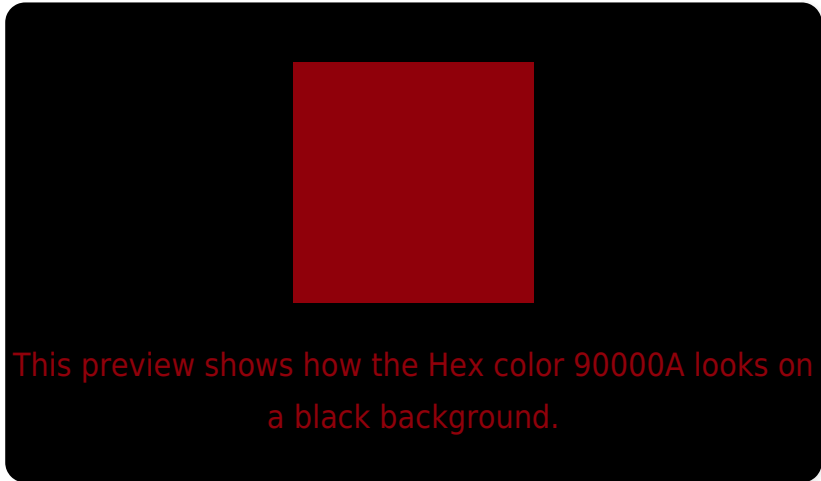
Large Text (above 18pt) WCAG AA ✓ Pass

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 90000A Background



This preview shows how black text looks on a background with the Hex color 90000A.



This preview shows how white text looks on a background with the Hex color 90000A.

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
90000A

Protanopia
514917

Deuteranopia
5C4500



Tritanopia
8F0D00

Trichromacy



Original Color
90000A

Protanomaly
682E12

Deuteranomaly
6F2C04

Tritanomaly
8F0804

Monochromacy



Original Color
90000A

Achromatopsia
2C2C2C

Achromatomaly
501C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 90000A 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 #90000A looks like.

```
.text, #text, p{  
    color:#90000A  
}
```

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 #90000A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90000A
}
```

Border

The CSS property to change the border of an element to Hex 90000A is called "border". The border property can be set on classes, ids or directly on the HTML element.

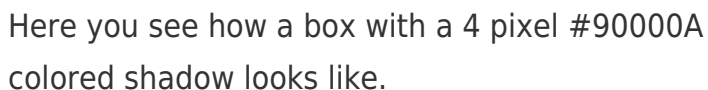
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90000A }
```

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

```
.border{ border-color:#90000A }
```

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



Here you see how a box with a 4 pixel #90000A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90000A; -webkit-box-shadow:4px 4px  
4px 4px #90000A; box-shadow:4px 4px 4px  
4px #90000A }
```

Background

The CSS property to change the background color of an element to Hex 90000A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90000A }
```

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

```
.background{ background-color:#90000A }
```

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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