

Converting Colors

Hex(A90A02)

Have a look what the booklet for
Hex(A90A02) contains.

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Color

Hex(A90A02)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A90A02 |
| RGB | 169, 10, 2 |
| RGB Percent | 66%, 4%, 1% |
| CMY | 0.3373, 0.9608, 0.9922 |
| CMYK | 0.00, 0.94, 0.99, 0.34 |
| HSL | 3°, 98%, 34% |
| HSV | 3°, 99%, 66% |
| XYZ | 16.4817, 8.6565, 0.8596 |
| YIQ | 56.6290, 97.3320, 31.2200 |

Conversions

Conversions Part 2

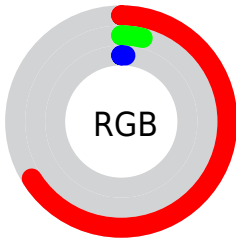
| Format | Color |
|-------------------------------------|--|
| RYB | 169, 10, 2 |
| Decimal | 11078146 |
| CIELab | 35.31, 57.64, 48.59 |
| CIElCh | 35, 75.387, 40.132 |
| Yxy | 8.6565, 0.6340, 0.3330 |
| Android (android.graphics.Color) | 4289268226 (0xFFA90A02) |
| YUV | 56.6290, -26.9321, 98.5494 |
| Hunter-Lab | 29.4219, 48.5046, 18.8631 |

Details

The Hex color **A90A02** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **02A1A9**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **E95032**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A90800**, and if you desaturate by 10%, it is **A91A13**.

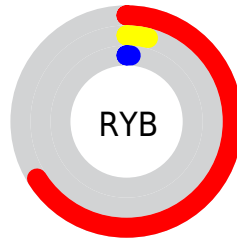
Distribution



Red (66%)

Green (4%)

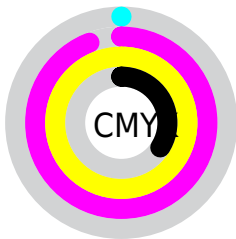
Blue (1%)



Red (66%)

Yellow (4%)

Blue (1%)

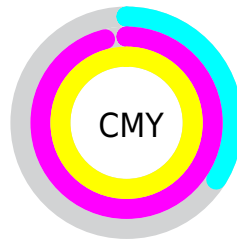


Cyan (0%)

Magenta (94%)

Yellow (99%)

Black (34%)



Cyan (34%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A90A02 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 A90A02 by changing the saturation by 10% instead.

 A90A02

 A90A02

 FFFFEA

 8A0000

 E95032

 6B0000

 FF6C4A

 4D0001

 FF8863

 300002

 FFA47D

 000000

 FFC197

 FFDEB2

 FFFBCE

 A90A02

 A90A02

 A90800

 A91A13

 A92A24

 A93A35

 A94A46

 A95A56

 A96B67

 A97B78

 A98B89

 A99B9A

Harmonies

Analogous

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



B70042



A90A02



864000

Triad

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



A90A02



006826



0055CD

Complementary

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



A90A02



02A1A9

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.



0065C6



A90A02



006A67

Square

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



A90A02



006300



006AA1



6835B1

Rectangle

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



A90A02



665100



006AA1



005CCE

Sweetspot

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



A90A02



DB9D9A



A902A3



6E4846



EDEDED



6E6E6E

Same Dimension

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



A90A02



DB0B00



A95B02



544C4C



940700



140100

Inverse Universe

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



02A1A9



00D1DB



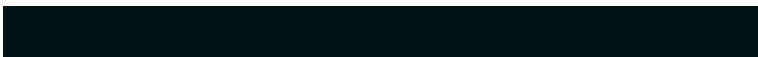
0250A9



4C5454



008D94



001314

Previews

White Background



This preview shows how the Hex color A90A02 looks on a white background.

Color Contrast Check

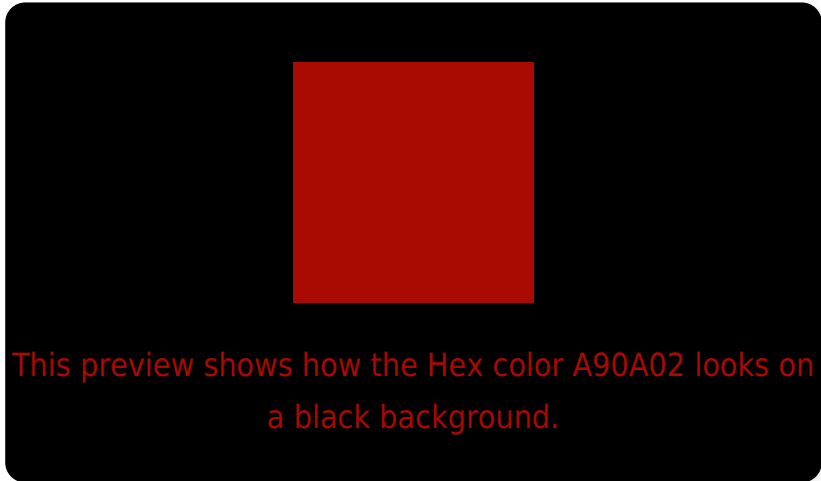
Large Text (above 18pt) WCAG AA ✓ Pass

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 A90A02 Background



This preview shows how black text looks on a background with the Hex color A90A02.



This preview shows how white text looks on a background with the Hex color A90A02.

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
A90A02

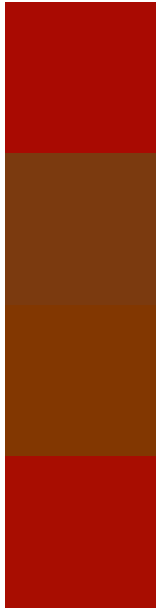
Protanopia
605616

Deuteranopia
6C5100



Tritanopia
A80F00

Trichromacy



Original Color
A90A02

Protanomaly
7B3A0F

Deuteranomaly
823701

Tritanomaly
A80D01

Monochromacy



Original Color
A90A02

Achromatopsia
393939

Achromatomaly
622825

CSS Examples

Text

The CSS property to change the color of the text to Hex A90A02 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 #A90A02 looks like.

```
.text, #text, p{  
    color:#A90A02  
}
```

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 #A90A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A90A02
}
```

Border

The CSS property to change the border of an element to Hex A90A02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

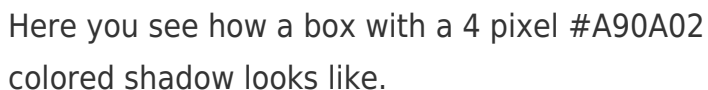
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A90A02 }
```

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

```
.border{ border-color:#A90A02 }
```

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



Here you see how a box with a 4 pixel `#A90A02` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A90A02; -webkit-box-shadow:4px 4px  
4px 4px #A90A02; box-shadow:4px 4px 4px  
4px #A90A02 }
```

Background

The CSS property to change the background color of an element to Hex A90A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A90A02 }
```

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

```
.background{ background-color:#A90A02 }
```

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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