

Converting Colors

Hex(A90D12)

Have a look what the booklet for
Hex(A90D12) contains.

Hex(A90D12)	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(A90D12)

Conversions

Conversions Part 1

Format	Color
Hex	A90D12
RGB	169, 13, 18
RGB Percent	66%, 5%, 7%
CMY	0.3373, 0.9490, 0.9294
CMYK	0.00, 0.92, 0.89, 0.34
HSL	358°, 86%, 36%
HSV	358°, 92%, 66%
XYZ	16.6153, 8.7665, 1.3887
YIQ	60.2140, 91.3710, 34.6270

Conversions

Conversions Part 2

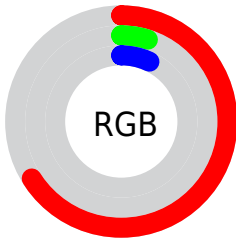
Format	Color
RYB	169, 13, 18
Decimal	11078930
CIELab	35.53, 57.46, 42.12
CIElCh	36, 71.240, 36.244
Yxy	8.7665, 0.6207, 0.3275
Android (android.graphics.Color)	4289269010 (0xFFA90D12)
YUV	60.2140, -20.8115, 95.4053
Hunter-Lab	29.6083, 48.3541, 17.9451

Details

The Hex color **A90D12** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0DA9A4**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **E8513F**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A90005**, and if you desaturate by 10%, it is **A91E22**.

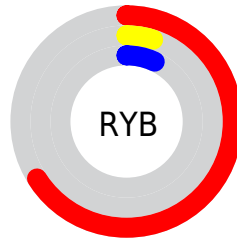
Distribution



Red (66%)

Green (5%)

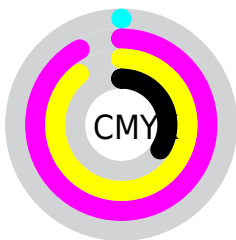
Blue (7%)



Red (66%)

Yellow (5%)

Blue (7%)

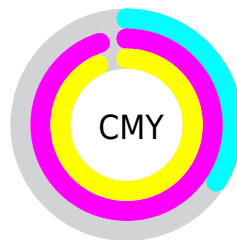


Cyan (0%)

Magenta (92%)

Yellow (89%)

Black (34%)



Cyan (34%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color A90D12 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 A90D12 by changing the saturation by 10% instead.

 A90D12

 A90D12

 FFFFF8

 8A0000

 E8513F

 6B0000

 FF6D57

 4D0001

 FF8970

 310002

 FFA58A

 000000

 FFC2A4

 FFD7BF

 FFFCDB

 A90D12

 A90D12

 A90005

 A91E22

 A92F33

 A94043

 A95153

 A96164

 A97274

 A98385

 A99495

 A9A5A5

Harmonies

Analogous

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



B3004B



A90D12



8A3E00

Triad

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



A90D12



006821



0058C7

Complementary

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



A90D12



0DA9A4

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.



0066BD



A90D12



006A5F

Square

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



A90D12



156200



006A96



5C3DB1

Rectangle

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



A90D12



6D4F00



006A96



005EC8

Sweetspot

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



A90D12



DB9EA0



A40DA9



6E484A



EDEDED



6E6E6E

Same Dimension

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



A90D12



DB0007



A9560D



544C4C



940005



140001

Inverse Universe

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



A90D12



DB0007



0D60A9



544C4C



940005



140001

Previews

White Background



This preview shows how the Hex color A90D12 looks on a white background.

Color Contrast Check

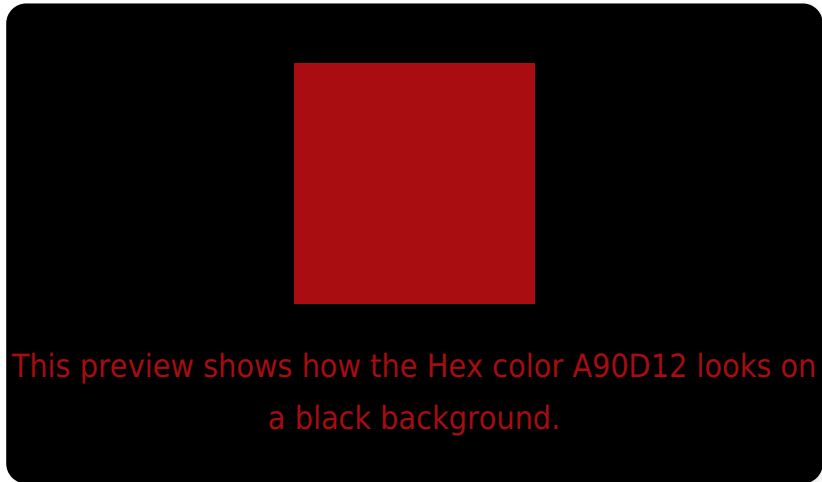
Large Text (above 18pt) WCAG AA ✓ Pass

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 A90D12 Background



This preview shows how black text looks on a background with the Hex color A90D12.



This preview shows how white text looks on a background with the Hex color A90D12.

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
A90D12

Protanopia
605621

Deuteranopia
6C5100



Tritanopia
A90F00

Trichromacy



Original Color
A90D12

Protanomaly
7B3B1C

Deuteranomaly
823807

Tritanomaly
A90E07

Monochromacy



Original Color
A90D12

Achromatopsia
3C3C3C

Achromatomaly
642B2D

CSS Examples

Text

The CSS property to change the color of the text to Hex A90D12 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 #A90D12 looks like.

```
.text, #text, p{  
    color:#A90D12  
}
```

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 #A90D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A90D12
}
```

Border

The CSS property to change the border of an element to Hex A90D12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

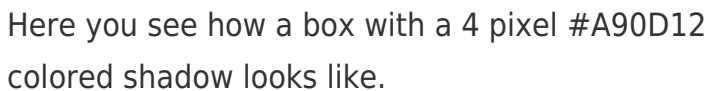
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A90D12 }
```

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

```
.border{ border-color:#A90D12 }
```

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



Here you see how a box with a 4 pixel `#A90D12` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A90D12; -webkit-box-shadow:4px 4px  
4px 4px #A90D12; box-shadow:4px 4px 4px  
4px #A90D12 }
```

Background

The CSS property to change the background color of an element to Hex A90D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A90D12 }
```

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

```
.background{ background-color:#A90D12 }
```

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