

Converting Colors

Hex(A7020C)

Have a look what the booklet for
Hex(A7020C) contains.

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Color

Hex(A7020C)

Conversions

Conversions Part 1

Format	Color
Hex	A7020C
RGB	167, 2, 12
RGB Percent	65%, 1%, 5%
CMY	0.3451, 0.9922, 0.9529
CMYK	0.00, 0.99, 0.93, 0.35
HSL	356°, 98%, 33%
HSV	356°, 99%, 65%
XYZ	16.0244, 8.2855, 1.1025
YIQ	52.4750, 95.1300, 38.0900

Conversions

Conversions Part 2

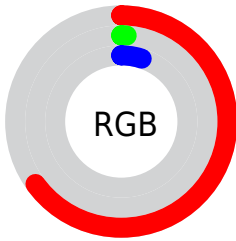
Format	Color
RYB	167, 2, 12
Decimal	10945036
CIELab	34.57, 58.24, 43.92
CIElCh	35, 72.947, 37.021
Yxy	8.2855, 0.6306, 0.3260
Android (android.graphics.Color)	4289135116 (0xFFA7020C)
YUV	52.4750, -19.9542, 100.4384
Hunter-Lab	28.7845, 48.9988, 17.8782

Details

The Hex color **A7020C** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **02A79D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **E64D3A**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A7000A**, and if you desaturate by 10%, it is **A7131C**.

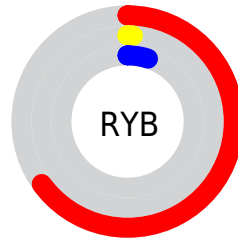
Distribution



Red (65%)

Green (1%)

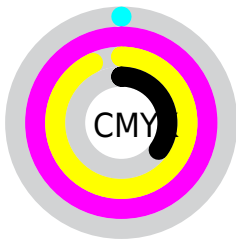
Blue (5%)



Red (65%)

Yellow (1%)

Blue (5%)

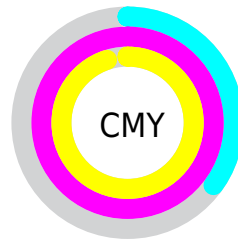


Cyan (0%)

Magenta (99%)

Yellow (93%)

Black (35%)



Cyan (35%)

Magenta (99%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7020C 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 A7020C by changing the saturation by 10% instead.

 A7020C

 A7020C

 FFFFF2

 880000

 E64D3A

 690000

 FF6951

 4B0001

 FF856A

 2E0002

 FFA184

 000000

 FFBE9E

 FFDBB9

 FFF9D5

 A7020C

 A7020C

■ A7000A

■ A7131C

■ A7232B

■ A7343B

■ A7454B

■ A7565A

■ A7666A

■ A7777A

■ A7888A

■ A79899

Harmonies

Analogous

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



B20047



A7020C



873C00

Triad

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



A7020C



00651F



0056C7

Complementary

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



A7020C



02A79D

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.



0063BE



A7020C



00685E

Square

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



A7020C



076000



006897



5C39B0

Rectangle

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



A7020C



694D00



006897



005CC8

Sweetspot

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



A7020C



D9989C



9C02A7



6E4649



EDEDED



6E6E6E

Same Dimension

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



A7020C



D9000D



A74902



544C4C



940009



140001

Inverse Universe

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



A7020C



D9000D



0260A7



544C4C



940009



140001

Previews

White Background



This preview shows how the Hex color A7020C looks on a white background.

Color Contrast Check

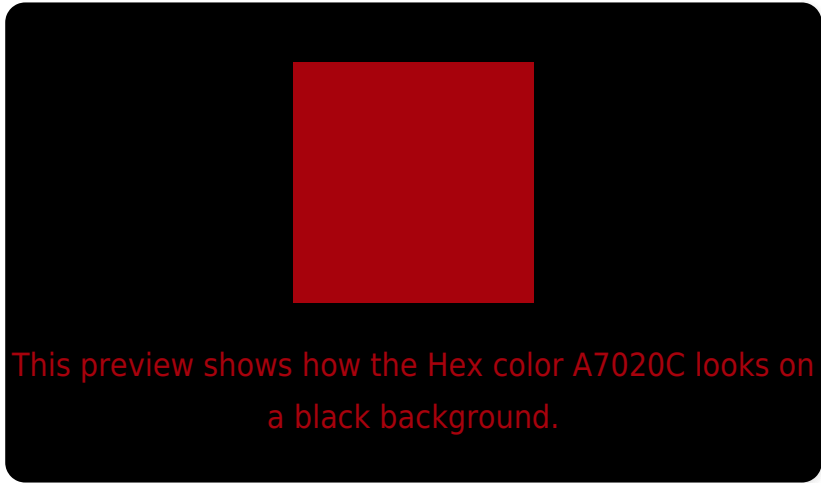
Large Text (above 18pt) WCAG AA ✓ Pass

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 A7020C Background



This preview shows how black text looks on a background with the Hex color A7020C.



This preview shows how white text looks on a background with the Hex color A7020C.

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
A7020C

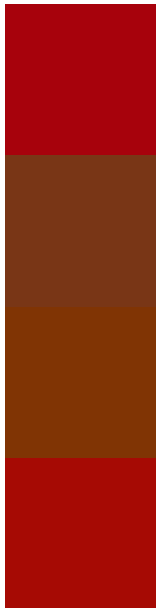
Protanopia
5E541B

Deuteranopia
6A5000



Tritanopia
A60F00

Trichromacy



Original Color
A7020C

Protanomaly
793616

Deuteranomaly
803404

Tritanomaly
A60A04

Monochromacy



Original Color
A7020C

Achromatopsia
343434

Achromatomaly
5E2225

CSS Examples

Text

The CSS property to change the color of the text to Hex A7020C 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 #A7020C looks like.

```
.text, #text, p{  
    color:#A7020C  
}
```

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 #A7020C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7020C
}
```

Border

The CSS property to change the border of an element to Hex A7020C is called "border". The border property can be set on classes, ids or directly on the HTML element.

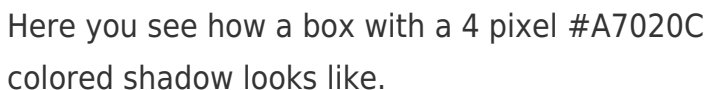
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7020C }
```

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

```
.border{ border-color:#A7020C }
```

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



Here you see how a box with a 4 pixel `#A7020C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7020C; -webkit-box-shadow:4px 4px  
4px 4px #A7020C; box-shadow:4px 4px 4px  
4px #A7020C }
```

Background

The CSS property to change the background color of an element to Hex A7020C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7020C }
```

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

```
.background{ background-color:#A7020C }
```

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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