

Converting Colors

Hex(A10022)

Have a look what the booklet for
Hex(A10022) contains.

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Color

Hex(A10022)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A10022 |
| RGB | 161, 0, 34 |
| RGB Percent | 63%, 0%, 13% |
| CMY | 0.3686, 1.0000, 0.8667 |
| CMYK | 0.00, 1.00, 0.79, 0.37 |
| HSL | 347°, 100%, 32% |
| HSV | 347°, 100%, 63% |
| XYZ | 14.9867, 7.6926, 2.2083 |
| YIQ | 52.0150, 85.0420, 44.7060 |

Conversions

Conversions Part 2

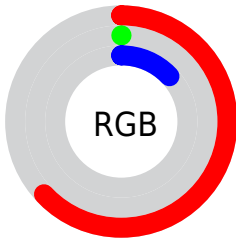
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 161, 0, 34 |
| Decimal | 10551330 |
| CIELab | 33.33, 57.47, 30.52 |
| CIELCh | 33, 65.073, 27.967 |
| Yxy | 7.6926, 0.6022, 0.3091 |
| Android (android.graphics.Color) | 4288741410 (0xFFA10022) |
| YUV | 52.0150, -8.8814, 95.5798 |
| Hunter-Lab | 27.7355, 47.9142, 14.6942 |

Details

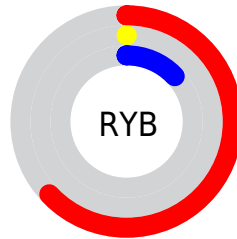
The Hex color **A10022** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A17F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **DF4B4E**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A10022**, and if you desaturate by 10%, it is **A1102F**.

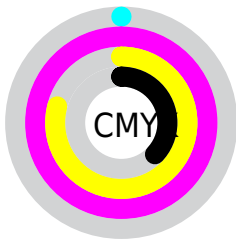
Distribution



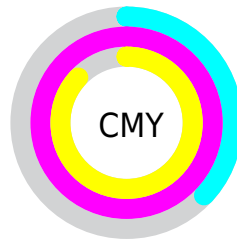
- Red (63%)
- Green (0%)
- Blue (13%)



- Red (63%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (37%)



- Cyan (37%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A10022 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 A10022 by changing the saturation by 10% instead.

 A10022

 A10022

FFFFFF

 82000D

 DF4B4E

 640000

 FF6867

 470001

 FF8480

 2A0001

 FFA09A

 000000

 FFBCB4

 FFD9D0

 FFF7EC

 A10022

 A1102F

 A1203B

 A13048

 A14055

 A15162

 A1616E

 A1717B

 A18188

 A19194

Harmonies

Analogous

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



A30054



A10022



8A3300

Triad

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



A10022



00600E



0057B7

Complementary

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



A10022



00A17F

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.



0060A6



A10022



006349

Square

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



A10022



315900



00637E



3842AB

Rectangle

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



A10022



724500



00637E



005BB5

Sweetspot

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



A10022



D192A0



7E00A1



69434B



E8E8E8



696969

Same Dimension

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



A10022



D1002C



A12E00



52494B



91001F



120004

Inverse Universe

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



A10022



D1002C



0073A1



52494B



91001F



120004

Previews

White Background



This preview shows how the Hex color A10022 looks on a white background.

Color Contrast Check

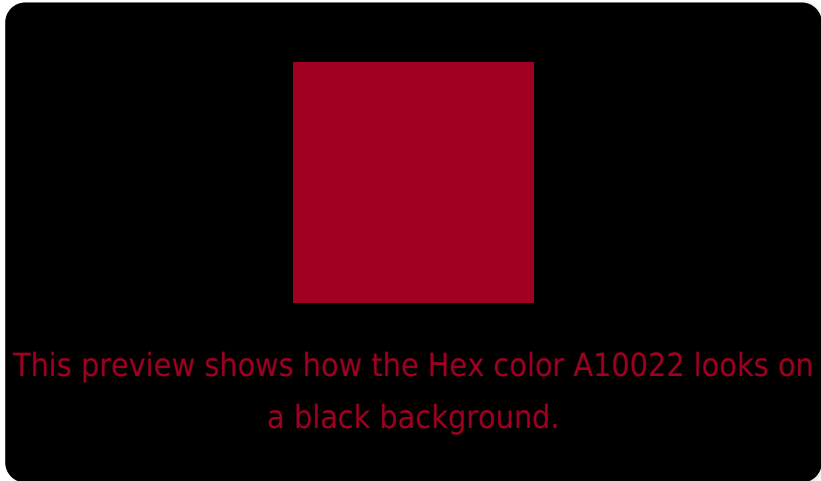
Large Text (above 18pt) WCAG AA ✓ Pass

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 A10022 Background



This preview shows how black text looks on a background with the Hex color A10022.



This preview shows how white text looks on a background with the Hex color A10022.

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



Trichromacy



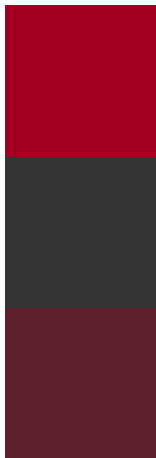
Original Color
A10022

Protanomaly
73342D

Deuteranomaly
7B311B

Tritanomaly
A1090F

Monochromacy



Original Color
A10022

Achromatopsia
343434

Achromatomaly
5C212D

CSS Examples

Text

The CSS property to change the color of the text to Hex A10022 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 #A10022 looks like.

```
.text, #text, p{  
    color:#A10022  
}
```

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 #A10022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A10022
}
```

Border

The CSS property to change the border of an element to Hex A10022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

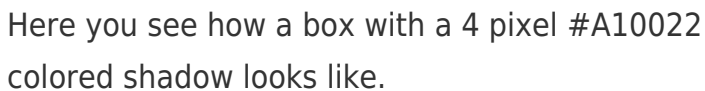
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A10022 }
```

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

```
.border{ border-color:#A10022 }
```

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



Here you see how a box with a 4 pixel #A10022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A10022; -webkit-box-shadow:4px 4px  
4px 4px #A10022; box-shadow:4px 4px 4px  
4px #A10022 }
```

Background

The CSS property to change the background color of an element to Hex A10022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A10022 }
```

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

```
.background{ background-color:#A10022 }
```

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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