

Converting Colors

Hex(A02E00)

Have a look what the booklet for
Hex(A02E00) contains.

Hex(A02E00)	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(A02E00)

Conversions

Conversions Part 1

Format	Color
Hex	A02E00
RGB	160, 46, 0
RGB Percent	63%, 18%, 0%
CMY	0.3725, 0.8196, 1.0000
CMYK	0.00, 0.71, 1.00, 0.37
HSL	17°, 100%, 31%
HSV	17°, 100%, 63%
XYZ	15.4742, 9.4276, 1.0041
YIQ	74.8420, 82.7100, 9.8620

Conversions

Conversions Part 2

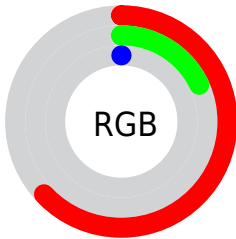
Format	Color
R_{YB}	160, 65, 0
Decimal	10497536
CIE _{Lab}	36.79, 45.46, 49.08
CIE _{LCh}	37, 66.899, 47.198
Yxy	9.4276, 0.5973, 0.3639
Android (android.graphics.Color)	4288687616 (0xFFA02E00)
YUV	74.8420, -36.8971, 74.6836
Hunter-Lab	30.7044, 36.2268, 19.5541

Details

The Hex color **A02E00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0072A0**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **DE6333**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **A02E00**, and if you desaturate by 10%, it is **A03910**.

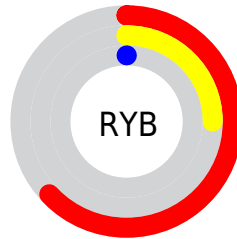
Distribution



Red (63%)

Green (18%)

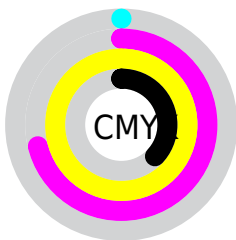
Blue (0%)



Red (63%)

Yellow (25%)

Blue (0%)

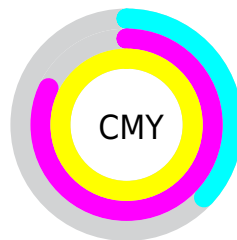


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02E00 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 A02E00 by changing the saturation by 10% instead.

 A02E00

 A02E00

 FFFFED

 820F00

 DE6333

 630000

 FE7E4C

 460000

 FF9965

 2C0001

 FFB47E

 000000

 FFD199

 FFEDB4

 FFFFFD0

 A02E00

 A03910

 A04520

 A05030

 A05C40

 A06750

 A07260

 A07E70

 A08980

 A09590

Harmonies

Analogous

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



B1003B



A02E00



7D4C00

Triad

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



A02E00



006B3D



0053BF

Complementary

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



A02E00



0072A0

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.



0064C1



A02E00



006D75

Square

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



A02E00



006700



006BA6



7D35A1

Rectangle

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



A02E00



5F5900



006BA6



005AC3

Sweetspot

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



A02E00



D1A492



A00073



694E43



E8E8E8



696969

Same Dimension

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



A02E00



D13C00



A07D00



4F4947



8F2900



0F0400

Inverse Universe

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



0072A0



0095D1



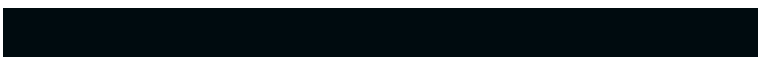
0023A0



474D4F



00668F



000B0F

Previews

White Background



This preview shows how the Hex color A02E00 looks on a white background.

Color Contrast Check

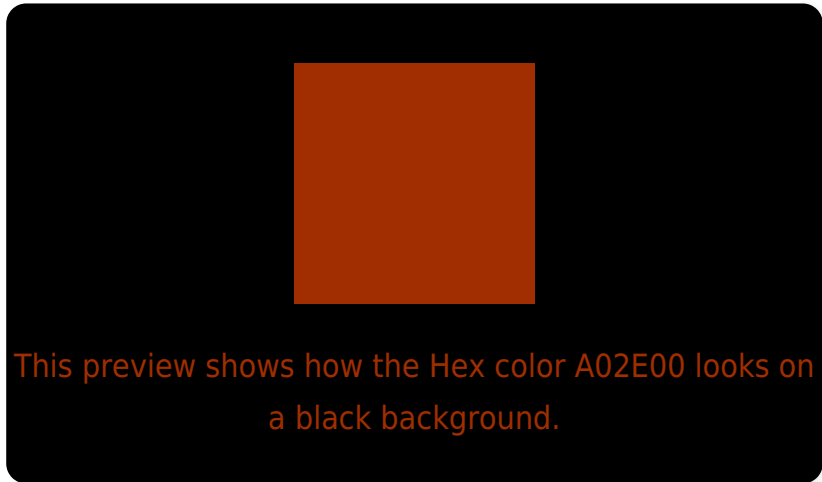
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02E00 Background



This preview shows how black text looks on a background with the Hex color A02E00.



This preview shows how white text looks on a background with the Hex color A02E00.

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

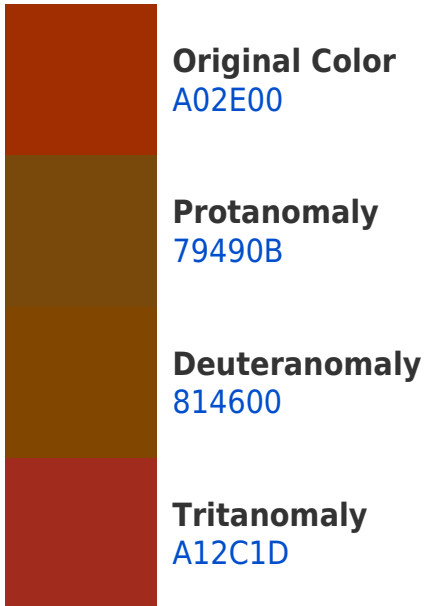


Original Color
A02E00

Protanopia
635812

Deuteranopia
6F5300

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A02E00 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 #A02E00 looks like.

```
.text, #text, p{  
    color:#A02E00  
}
```

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 #A02E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02E00
}
```

Border

The CSS property to change the border of an element to Hex A02E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

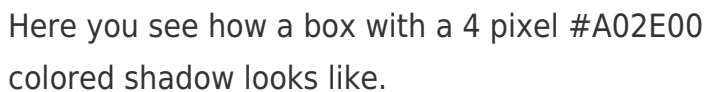
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A02E00 }
```

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

```
.border{ border-color:#A02E00 }
```

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



Here you see how a box with a 4 pixel `#A02E00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02E00; -webkit-box-shadow:4px 4px  
4px 4px #A02E00; box-shadow:4px 4px 4px  
4px #A02E00 }
```

Background

The CSS property to change the background color of an element to Hex A02E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02E00 }
```

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

```
.background{ background-color:#A02E00 }
```

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