

Converting Colors

Hex(A83F00)

Have a look what the booklet for
Hex(A83F00) contains.

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Color

Hex(A83F00)

Conversions

Conversions Part 1

Format	Color
Hex	A83F00
RGB	168, 63, 0
RGB Percent	66%, 25%, 0%
CMY	0.3412, 0.7529, 1.0000
CMYK	0.00, 0.62, 1.00, 0.34
HSL	22°, 100%, 33%
HSV	22°, 100%, 66%
XYZ	17.9260, 11.8798, 1.3482
YIQ	87.2130, 82.8030, 2.6670

Conversions

Conversions Part 2

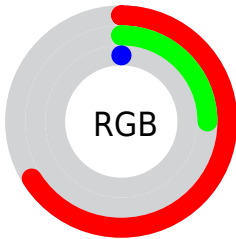
Format	Color
R_{YB}	168, 101, 0
Decimal	11026176
CIE _{Lab}	41.02, 40.94, 52.05
CIE _{LCh}	41, 66.221, 51.811
Yxy	11.8798, 0.5754, 0.3813
Android (android.graphics.Color)	4289216256 (0xFFA83F00)
YUV	87.2130, -42.9960, 70.8502
Hunter-Lab	34.4672, 32.5182, 21.8078

Details

The Hex color **A83F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0069A8**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E67337**, and **6C0500** is the 20% darker color. If you saturate the color by 10%, you get **A83F00**, and if you desaturate by 10%, it is **A84A11**.

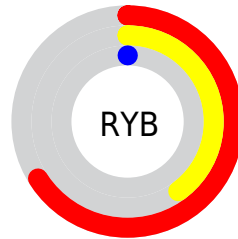
Distribution



Red (66%)

Green (25%)

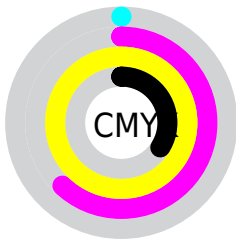
Blue (0%)



Red (66%)

Yellow (40%)

Blue (0%)

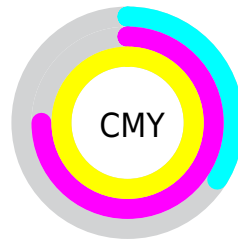


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A83F00 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 A83F00 by changing the saturation by 10% instead.

 A83F00

 A83F00

 FFFFF2

 8A2500

 E67337

 6C0500

 FF8D50

 4E0000

 FFA869

 350001

 FFC483

 060000

 FFE19E

 000000

 FFFE89

 FFFF00

 A83F00

 A84A11

 A85422

 A85E32

 A86943

 A87354

 A87E65

 A88876

 A89386

 A89D97

Harmonies

Analogous

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



BC1C3C



A83F00



835900

Triad

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



A83F00



007750



2E59C7

Complementary

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



A83F00



0069A8

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.



006CCE



A83F00



007888

Square

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



A83F00



007312



0075B6



913BA5

Rectangle

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



A83F00



636500



0075B6



0061CD

Sweetspot

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



A83F00



DBB29A



A8006A



6E5546



EDEDED



6E6E6E

Same Dimension

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



A83F00



DB5200



A89200



544F4C



943700



140800

Inverse Universe

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



0069A8



0089DB



0016A8



4C5154



005C94



000D14

Previews

White Background



This preview shows how the Hex color A83F00 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A83F00 Background



This preview shows how black text looks on a background with the Hex color A83F00.



This preview shows how white text looks on a background with the Hex color A83F00.

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
A83F00

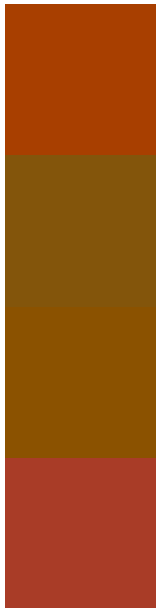
Protanopia
6E6211

Deuteranopia
7B5D00



Tritanopia
A93B3E

Trichromacy



Original Color
A83F00

Protanomaly
83550B

Deuteranomaly
8B5200

Tritanomaly
A93C27

Monochromacy



Original Color
A83F00

Achromatopsia
575757

Achromatomaly
744E37

CSS Examples

Text

The CSS property to change the color of the text to Hex A83F00 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 #A83F00 looks like.

```
.text, #text, p{  
    color:#A83F00  
}
```

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 #A83F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A83F00
}
```

Border

The CSS property to change the border of an element to Hex A83F00 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
#A83F00 }
```

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

```
.border{ border-color:#A83F00 }
```

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

Here you see how a box with a 4 pixel #A83F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A83F00; -webkit-box-shadow:4px 4px  
4px 4px #A83F00; box-shadow:4px 4px 4px  
4px #A83F00 }
```

Background

The CSS property to change the background color of an element to Hex A83F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A83F00 }
```

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

```
.background{ background-color:#A83F00 }
```

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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