

Converting Colors

Hex(00A12E)

Have a look what the booklet for
Hex(00A12E) contains.

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Color

Hex(00A12E)

Conversions

Conversions Part 1

Format	Color
Hex	00A12E
RGB	0, 161, 46
RGB Percent	0%, 63%, 18%
CMY	1.0000, 0.3686, 0.8196
CMYK	1.00, 0.00, 0.71, 0.37
HSL	137°, 100%, 32%
HSV	137°, 100%, 63%
XYZ	13.2380, 25.6870, 6.8451
YIQ	99.7510, -59.0410, -69.8970

Conversions

Conversions Part 2

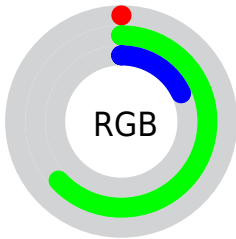
Format	Color
RYB	0, 125, 161
Decimal	41262
CIELab	57.74, -58.66, 47.61
CIELCh	58, 75.551, 140.937
Yxy	25.6870, 0.2892, 0.5612
Android (android.graphics.Color)	4278231342 (0xFF00A12E)
YUV	99.7510, -26.4992, -87.4816
Hunter-Lab	50.6823, -42.0707, 27.4699

Details

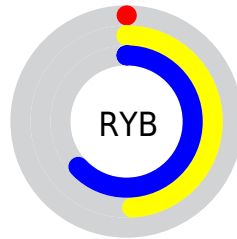
The Hex color **00A12E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A10073**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5BD962**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **00A12E**, and if you desaturate by 10%, it is **10A139**.

Distribution



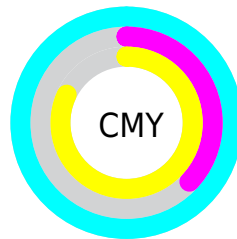
- Red (0%)
- Green (63%)
- Blue (18%)



- Red (0%)
- Yellow (49%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A12E 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 00A12E by changing the saturation by 10% instead.

 00A12E

 00A12E

FFFFFF

 008610

 5BD962

 006C00

 79F67D

 005200

 97FF98

 003A00

 B5FFB3

 002200

 D3FFD0

 000000

 F1FFEC

 00A12E

 10A139

 20A145

 30A150

 40A15C

 51A167

 61A173

 71A17E

 81A18A

 91A196

Harmonies

Analogous

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



7B9500



00A12E



00A774

Triad

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



00A12E



0099FF



FD4360

Complementary

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



00A12E



A10073

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.



F540A2



00A12E



5582FF

Square

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



00A12E



00A4F1



C561DF



E56320

Rectangle

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



00A12E



00A8A2



C561DF



FE3D76

Sweetspot

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



00A12E



92D1A4



73A100



43694E



E8E8E8



696969

Same Dimension

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



00A12E



00D13C



00A17E



49524C



00912A



001205

Inverse Universe

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



A10073



D10095



A10023



52494F



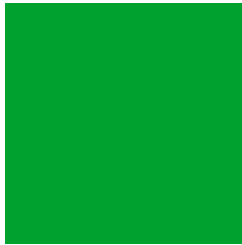
910068



12000D

Previews

White Background



This preview shows how the Hex color 00A12E looks on a white background.

Color Contrast Check

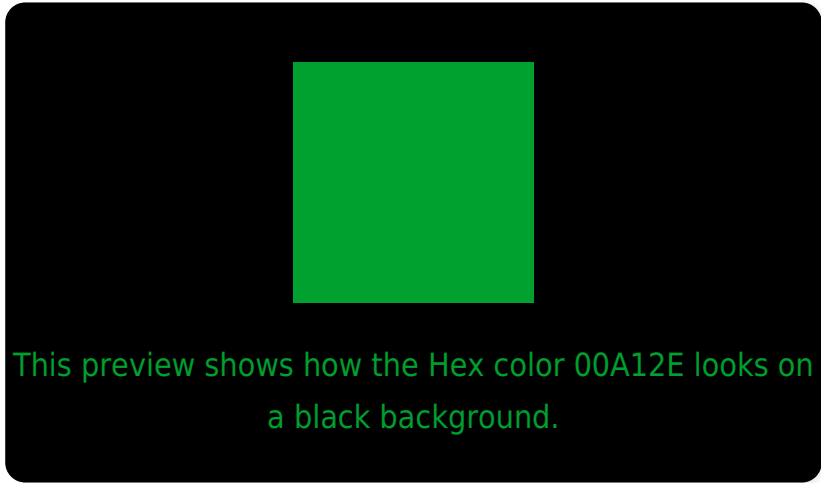
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A12E Background



This preview shows how black text looks on a background with the Hex color 00A12E.



This preview shows how white text looks on a background with the Hex color 00A12E.

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
00A12E

Protanopia
9B8A28

Deuteranopia
AB8339



Tritanopia
4296A2

Trichromacy



Original Color
00A12E



Protanomaly
63922A



Deuteranomaly
6D8E35



Tritanomaly
2A9A78

Monochromacy



Original Color
00A12E



Achromatopsia
646464



Achromatomaly
407A50

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A12E 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 #00A12E looks like.

```
.text, #text, p{  
  color:#00A12E  
}
```

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 #00A12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A12E
}
```

Border

The CSS property to change the border of an element to Hex 00A12E 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".

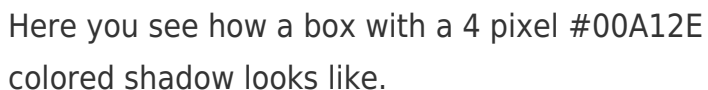
```
.border, #border, table{ border:4px solid
#00A12E }
```

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

```
.border{ border-color:#00A12E }
```

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

Here you see how a box with a 4 pixel #00A12E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A12E; -webkit-box-shadow:4px 4px  
4px 4px #00A12E; box-shadow:4px 4px 4px  
4px #00A12E }
```

Background

The CSS property to change the background color of an element to Hex 00A12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A12E }
```

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

```
.background{ background-color:#00A12E }
```

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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