

Converting Colors

Hex(008A10)

Have a look what the booklet for
Hex(008A10) contains.

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Color

Hex(008A10)

Conversions

Conversions Part 1

Format	Color
Hex	008A10
RGB	0, 138, 16
RGB Percent	0%, 54%, 6%
CMY	1.0000, 0.4588, 0.9373
CMYK	1.00, 0.00, 0.88, 0.46
HSL	127°, 100%, 27%
HSV	127°, 100%, 54%
XYZ	9.1820, 18.2144, 3.5220
YIQ	82.8300, -43.0860, -67.1980

Conversions

Conversions Part 2

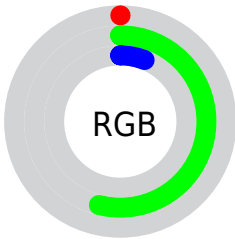
Format	Color
RYB	0, 124, 138
Decimal	35344
CIELab	49.76, -54.00, 49.65
CIELCh	50, 73.357, 137.408
Yxy	18.2144, 0.2970, 0.5891
Android (android.graphics.Color)	4278225424 (0xFF008A10)
YUV	82.8300, -32.9472, -72.6419
Hunter-Lab	42.6783, -36.2837, 24.9819

Details

The Hex color **008A10** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8A007A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **54C149**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **008A10**, and if you desaturate by 10%, it is **0E8A1C**.

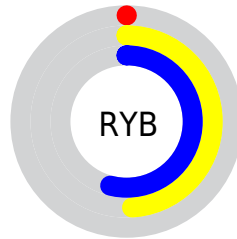
Distribution



Red (0%)

Green (54%)

Blue (6%)



Red (0%)

Yellow (49%)

Blue (54%)

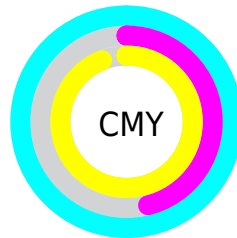


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (46%)



Cyan (100%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A10 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 008A10 by changing the saturation by 10% instead.

 008A10

 008A10

FFFFFF

 007000

 54C149

 005600

 72DD64

 003E00

 8FFA7E

 002700

 ACFF99

 000000

 CAFFB5

 E7FFD1

 FFFFEE

 008A10

 0E8A1C


 1C8A28

 298A35

 378A41

 458A4D

 538A59

 618A65

 6E8A72

 7C8A7E

Harmonies

Analogous

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



6E7E00



008A10



009059

Triad

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



008A10



0086F1



E12755

Complementary

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



008A10



8A007A

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.



D62B93



008A10



0B71EF

Square

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



008A10



008FD2



A451CC



CE4B17

Rectangle

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



008A10



009185



A451CC



E2216A

Sweetspot

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



008A10



7DB383



7C8A00



39593D



D9D9D9



595959

Same Dimension

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



008A10



00B315



008A53



3E453F



00850F



000501

Inverse Universe

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



8A007A



B3009E



8A0037



453E44



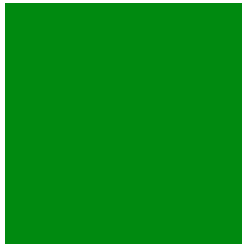
850075



050005

Previews

White Background



This preview shows how the Hex color 008A10 looks on a white background.

Color Contrast Check

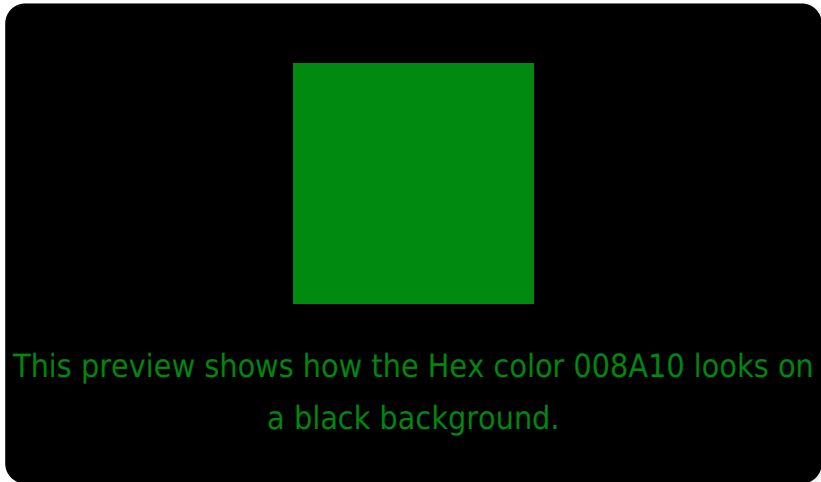
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 008A10 Background



This preview shows how black text looks on a background with the Hex color 008A10.



This preview shows how white text looks on a background with the Hex color 008A10.

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
008A10

Protanopia
857608

Deuteranopia
947021



Tritanopia
3A808B

Trichromacy



Original Color
008A10



Protanomaly
557D0B



Deuteranomaly
5E791B



Tritanomaly
25845E

Monochromacy



Original Color
008A10



Achromatopsia
535353



Achromatomaly
35673B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A10 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 #008A10 looks like.

```
.text, #text, p{  
    color:#008A10  
}
```

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 #008A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A10  
}
```

Border

The CSS property to change the border of an element to Hex 008A10 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  
#008A10 }
```

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

```
.border{ border-color:#008A10 }
```

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

Here you see how a box with a 4 pixel #008A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A10; -webkit-box-shadow:4px 4px  
4px 4px #008A10; box-shadow:4px 4px 4px  
4px #008A10 }
```

Background

The CSS property to change the background color of an element to Hex 008A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A10 }
```

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

```
.background{ background-color:#008A10 }
```

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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