

Converting Colors

Hex(008C10)

Have a look what the booklet for
Hex(008C10) contains.

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Color

Hex(008C10)

Conversions

Conversions Part 1

Format	Color
Hex	008C10
RGB	0, 140, 16
RGB Percent	0%, 55%, 6%
CMY	1.0000, 0.4510, 0.9373
CMYK	1.00, 0.00, 0.89, 0.45
HSL	127°, 100%, 27%
HSV	127°, 100%, 55%
XYZ	9.4716, 18.7936, 3.6185
YIQ	84.0040, -43.6360, -68.2440

Conversions

Conversions Part 2

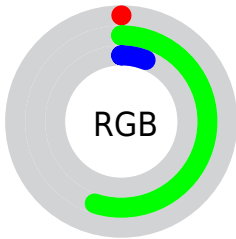
Format	Color
RYB	0, 126, 140
Decimal	35856
CIELab	50.44, -54.59, 50.26
CIELCh	50, 74.203, 137.366
Yxy	18.7936, 0.2971, 0.5894
Android (android.graphics.Color)	4278225936 (0xFF008C10)
YUV	84.0040, -33.5260, -73.6715
Hunter-Lab	43.3516, -36.8659, 25.3972

Details

The Hex color **008C10** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8C007C**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **55C34A**, and **005800** is the 20% darker color. If you saturate the color by 10%, you get **008C10**, and if you desaturate by 10%, it is **0E8C1C**.

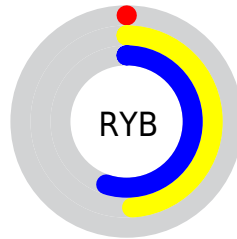
Distribution



Red (0%)

Green (55%)

Blue (6%)



Red (0%)

Yellow (49%)

Blue (55%)

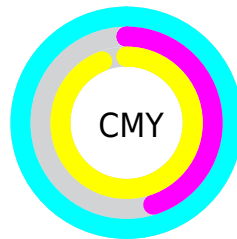


Cyan (100%)

Magenta (0%)

Yellow (89%)

Black (45%)



Cyan (100%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008C10 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 008C10 by changing the saturation by 10% instead.

 008C10

 008C10

FFFFFF

 007200

 55C34A

 005800

 73DF64

 003F00

 90FC7F

 002900

 ADFF9A

 000300

 CBFFB5

 000000

 E9FFD2

 FFFFEE

 008C10

 0E8C1C

 1C8C29

 2A8C35

 388C42

 468C4E

 548C5A

 628C67

 708C73

 7E8C80

Harmonies

Analogous

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



6F8000



008C10



00925A

Triad

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



008C10



0087F5



E52857

Complementary

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



008C10



8C007C

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.



DA2C96



008C10



0873F2

Square

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



008C10



0091D5



A753CF



D14C18

Rectangle

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



008C10



009387



A753CF



E5216B

Sweetspot

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



008C10



7FB585



7E8C00



3B5C3F



DBDBDB



5C5C5C

Same Dimension

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



008C10



00B515



008C54



3E453F



00850F



000501

Inverse Universe

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



8C007C



B500A0



8C0038



453E44



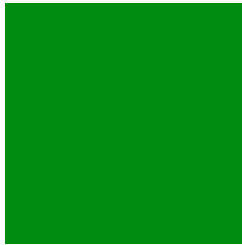
850075



050005

Previews

White Background



This preview shows how the Hex color 008C10 looks on a white background.

Color Contrast Check

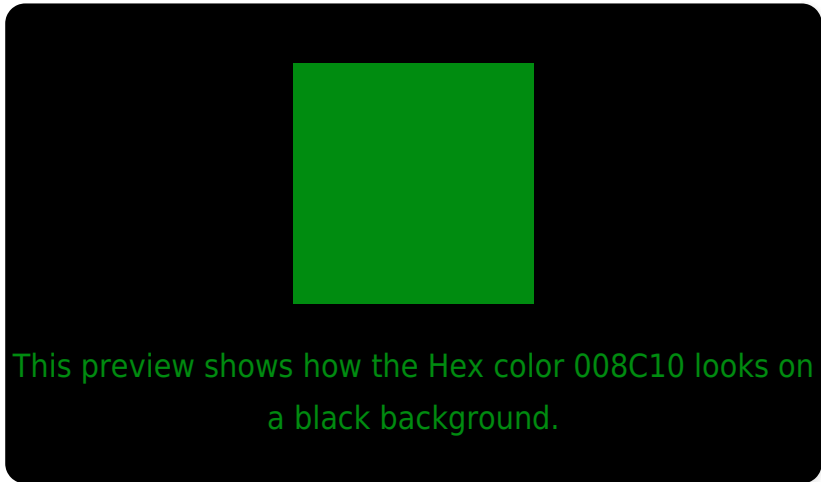
Large Text (above 18pt) WCAG AA ✓ Pass

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 008C10 Background



This preview shows how black text looks on a background with the Hex color 008C10.



This preview shows how white text looks on a background with the Hex color 008C10.

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
008C10

Protanopia
877808

Deuteranopia
967222



Tritanopia
3B828D

Trichromacy



Original Color
008C10



Protanomaly
567F0B



Deuteranomaly
5F7B1B

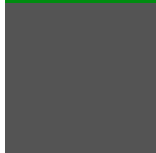


Tritanomaly
268660

Monochromacy



Original Color
008C10



Achromatopsia
545454



Achromatomaly
35683B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008C10 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 #008C10 looks like.

```
.text, #text, p{  
    color:#008C10  
}
```

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 #008C10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C10
}
```

Border

The CSS property to change the border of an element to Hex 008C10 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
#008C10 }
```

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

```
.border{ border-color:#008C10 }
```

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

Here you see how a box with a 4 pixel #008C10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C10; -webkit-box-shadow:4px 4px  
4px 4px #008C10; box-shadow:4px 4px 4px  
4px #008C10 }
```

Background

The CSS property to change the background color of an element to Hex 008C10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C10 }
```

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

```
.background{ background-color:#008C10 }
```

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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