

Converting Colors

Hex(007F1D)

Have a look what the booklet for
Hex(007F1D) contains.

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Color

Hex(007F1D)

Conversions

Conversions Part 1

Format	Color
Hex	007F1D
RGB	0, 127, 29
RGB Percent	0%, 50%, 11%
CMY	1.0000, 0.5020, 0.8863
CMYK	1.00, 0.00, 0.77, 0.50
HSL	134°, 100%, 25%
HSV	134°, 100%, 50%
XYZ	7.81111, 15.2675, 3.6976
YIQ	77.8550, -44.2340, -57.4020

Conversions

Conversions Part 2

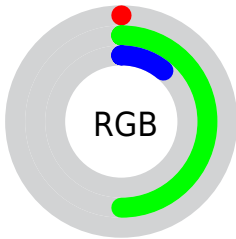
Format	Color
RYB	0, 103, 127
Decimal	32541
CIELab	46.00, -49.85, 42.13
CIELCh	46, 65.266, 139.799
Yxy	15.2675, 0.2917, 0.5702
Android (android.graphics.Color)	4278222621 (0xFF007F1D)
YUV	77.8550, -24.0855, -68.2788
Hunter-Lab	39.0736, -32.6951, 21.7408

Details

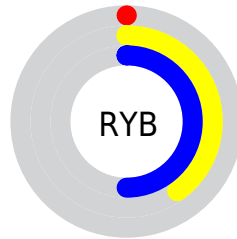
The Hex color **007F1D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7F0062**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **50B550**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **007F1D**, and if you desaturate by 10%, it is **0D7F27**.

Distribution



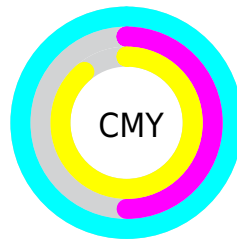
- Red (0%)
- Green (50%)
- Blue (11%)



- Red (0%)
- Yellow (40%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007F1D 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 007F1D by changing the saturation by 10% instead.

 007F1D

 007F1D

FFFFFF

 006500

 50B550

 004C00

 6DD16A

 003400

 89EE84

 001D00

 A6FF9F

 000000

 C3FFBA

 E0FFD7

 FEFFF3

 007F1D

 0D7F27

 197F31

 267F3A

 337F44

 407F4E

 4C7F58

 597F62

 667F6B

 727F75

Harmonies

Analogous

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



627500



007F1D



008458

Triad

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



007F1D



0079D9



CB2F4C

Complementary

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



007F1D



7F0062

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.



C42E82



007F1D



3767D5

Square

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



007F1D



0082C0



9B4BB4



B94A16

Rectangle

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



007F1D



00857E



9B4BB4



CC2A5E

Sweetspot

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



007F1D



74A67F



637F00



36543D



D4D4D4



545454

Same Dimension

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



007F1D



00A626



007F5B



39403B



00801D



000000

Inverse Universe

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



7F0062



A60080



7F0024



40393E



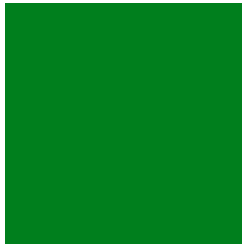
800062



000000

Previews

White Background



This preview shows how the Hex color 007F1D looks on a white background.

Color Contrast Check

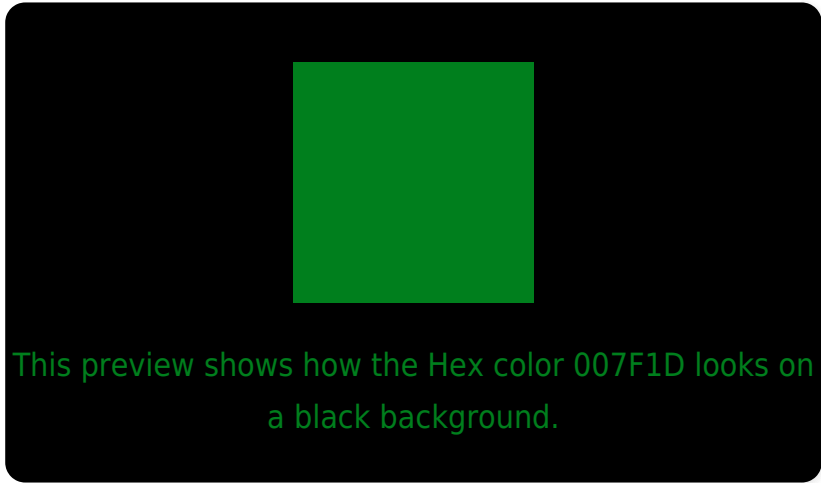
Large Text (above 18pt) WCAG AA ✓ Pass

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

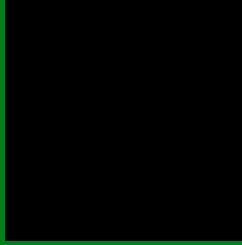
Any Text WCAG AA × Fail

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 007F1D Background



This preview shows how black text looks on a background with the Hex color 007F1D.



This preview shows how white text looks on a background with the Hex color 007F1D.

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
007F1D

Protanopia
7A6D18

Deuteranopia
886727



Tritanopia
347680

Trichromacy



Original Color
007F1D



Protanomaly
4E741A



Deuteranomaly
577023



Tritanomaly
21795C

Monochromacy



Original Color
007F1D



Achromatopsia
4E4E4E



Achromatomaly
32603C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007F1D 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 #007F1D looks like.

```
.text, #text, p{  
    color:#007F1D  
}
```

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 #007F1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F1D
}
```

Border

The CSS property to change the border of an element to Hex 007F1D 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
#007F1D }
```

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

```
.border{ border-color:#007F1D }
```

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

Here you see how a box with a 4 pixel #007F1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F1D; -webkit-box-shadow:4px 4px  
4px 4px #007F1D; box-shadow:4px 4px 4px  
4px #007F1D }
```

Background

The CSS property to change the background color of an element to Hex 007F1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F1D }
```

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

```
.background{ background-color:#007F1D }
```

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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