

Converting Colors

Hex(0D7E21)

Have a look what the booklet for
Hex(0D7E21) contains.

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Color

Hex(0D7E21)

Conversions

Conversions Part 1

Format	Color
Hex	0D7E21
RGB	13, 126, 33
RGB Percent	5%, 49%, 13%
CMY	0.9490, 0.5059, 0.8706
CMYK	0.90, 0.00, 0.74, 0.51
HSL	131°, 81%, 27%
HSV	131°, 90%, 49%
XYZ	7.9013, 15.1171, 3.9403
YIQ	81.6110, -37.4950, -52.8790

Conversions

Conversions Part 2

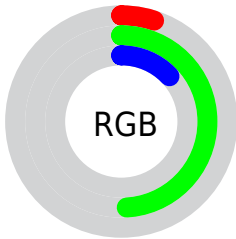
Format	Color
RYB	13, 109, 126
Decimal	884257
CIELab	45.79, -48.14, 40.39
CIELCh	46, 62.835, 140.002
Yxy	15.1171, 0.2931, 0.5607
Android (android.graphics.Color)	4279074337 (0xFF0D7E21)
YUV	81.6110, -23.9652, -60.1718
Hunter-Lab	38.8807, -31.7664, 21.2079

Details

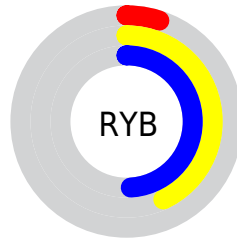
The Hex color **0D7E21** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7E0D6A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **53B453**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **007E17**, and if you desaturate by 10%, it is **1A7E2B**.

Distribution



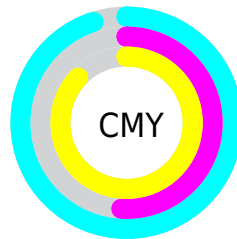
- Red (5%)
- Green (49%)
- Blue (13%)



- Red (5%)
- Yellow (43%)
- Blue (49%)



- Cyan (90%)
- Magenta (0%)
- Yellow (74%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7E21 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 0D7E21 by changing the saturation by 10% instead.

 0D7E21

 0D7E21

FFFFFF

 006403

 53B453

 004B00

 70D06D

 003400

 8CEC87

 001D00

 A9FFA2

 000000

 C5FFBD

 E3FFDA

 FFFFF7

 0D7E21

 0D7E21

■ 007E17

■ 1A7E2B

■ 007E16

■ 267E36

■ 337E40

■ 3F7E4A

■ 4C7E55

■ 597E5F

■ 657E6A

■ 727E74

■ 7E7E7E

Harmonies

Analogous

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



627400



0D7E21



008358

Triad

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



0D7E21



0078D5



C8334C

Complementary

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



0D7E21



7E0D6A

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.



C03280



0D7E21



3D66D0

Square

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



0D7E21



0081BD



994CB1



B64C1A

Rectangle

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



0D7E21



00847D



994CB1



C82F5D

Sweetspot

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



0D7E21



77A37F



6B7E0D



37523C



D1D1D1



525252

Same Dimension

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



0D7E21



00A31D



0D7E58



39403B



008017



000000

Inverse Universe

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



7E0D6A



A30086



7E0D33



40393F



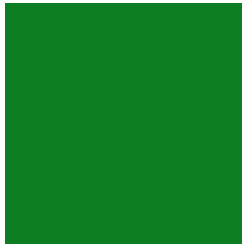
800069



000000

Previews

White Background



This preview shows how the Hex color 0D7E21 looks on a white background.

Color Contrast Check

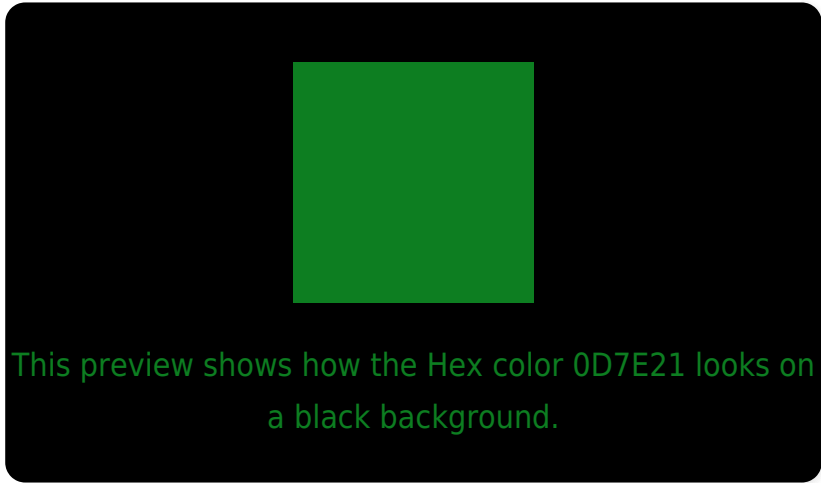
Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7E21 Background



This preview shows how black text looks on a background with the Hex color 0D7E21.



This preview shows how white text looks on a background with the Hex color 0D7E21.

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
0D7E21

Protanopia
796C1C

Deuteranopia
86672A



Tritanopia
35767F

Trichromacy



Original Color
0D7E21



Protanomaly
52731E



Deuteranomaly
5A6F27



Tritanomaly
26795D

Monochromacy



Original Color
0D7E21



Achromatopsia
525252



Achromatomaly
396240

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7E21 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 #0D7E21 looks like.

```
.text, #text, p{  
    color:#0D7E21  
}
```

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 #0D7E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7E21
}
```

Border

The CSS property to change the border of an element to Hex 0D7E21 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
#0D7E21 }
```

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

```
.border{ border-color:#0D7E21 }
```

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

Here you see how a box with a 4 pixel #0D7E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7E21; -webkit-box-shadow:4px 4px  
4px 4px #0D7E21; box-shadow:4px 4px 4px  
4px #0D7E21 }
```

Background

The CSS property to change the background color of an element to Hex 0D7E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7E21 }
```

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

```
.background{ background-color:#0D7E21 }
```

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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