

Converting Colors

Hex(227D0F)

Have a look what the booklet for
Hex(227D0F) contains.

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Color

Hex(227D0F)

Conversions

Conversions Part 1

Format	Color
Hex	227D0F
RGB	34, 125, 15
RGB Percent	13%, 49%, 6%
CMY	0.8667, 0.5098, 0.9412
CMYK	0.73, 0.00, 0.88, 0.51
HSL	110°, 79%, 27%
HSV	110°, 88%, 49%
XYZ	8.0795, 15.0418, 2.9295
YIQ	85.2510, -18.9260, -53.5020

Conversions

Conversions Part 2

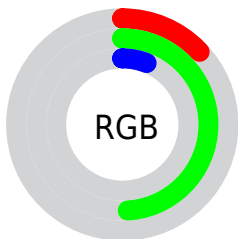
Format	Color
RYB	15, 125, 106
Decimal	2260239
CIELab	45.69, -46.06, 46.44
CIElCh	46, 65.408, 134.771
Yxy	15.0418, 0.3101, 0.5774
Android (android.graphics.Color)	4280450319 (0xFF227D0F)
YUV	85.2510, -34.6337, -44.9471
Hunter-Lab	38.7838, -30.6860, 22.6703

Details


The Hex color **227D0F** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A0F7D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5EB346**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **187D03**, and if you desaturate by 10%, it is **2C7D1B**.

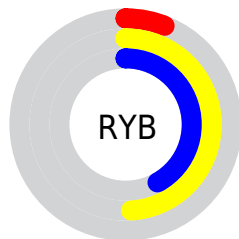
Distribution



 Red (13%)

 Green (49%)

 Blue (6%)




 Red (6%)

 Yellow (49%)

 Blue (42%)

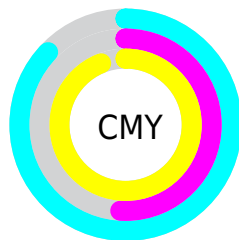



 Cyan (73%)


 Magenta (0%)

 Yellow (88%)

 Black (51%)



 Cyan (87%)

 Magenta (51%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227D0F 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 227D0F by changing the saturation by 10% instead.

 227D0F

 227D0F

FFFFFF

 006300

 5EB346

 004B00

 7ACF60

 003300

 96EB7A

 001C00

 B3FF95

 000000

 D0FFB1

 EDFFCD

 FFFFEA

 227D0F

 227D0F

■ 187D03

■ 2C7D1B

■ 167D00

■ 377D28

■ 417D35

■ 4B7D41

■ 567D4E

■ 607D5A

■ 6A7D67

■ 757D73

■ 7F7D80

Harmonies

Analogous

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



6A7200



227D0F



00824D

Triad

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



227D0F



007AD7



CB2A54

Complementary

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



227D0F



6A0F7D

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.



BF318A



227D0F



006AD7

Square

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



227D0F



0082B9



8F4FBB



BC451F

Rectangle

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



227D0F



008474



8F4FBB



CA2766

Sweetspot

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



227D0F



80A379



7D690F



3D5238



D1D1D1



525252

Same Dimension

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



227D0F



1CA300



0F7D32



3A4039



168000



000000

Inverse Universe

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



6A0F7D



8700A3



7D0F5A



3F3940



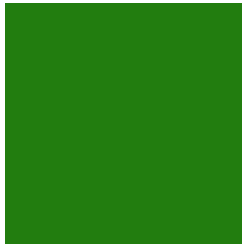
690080



000000

Previews

White Background



This preview shows how the Hex color 227D0F looks on a white background.

Color Contrast Check

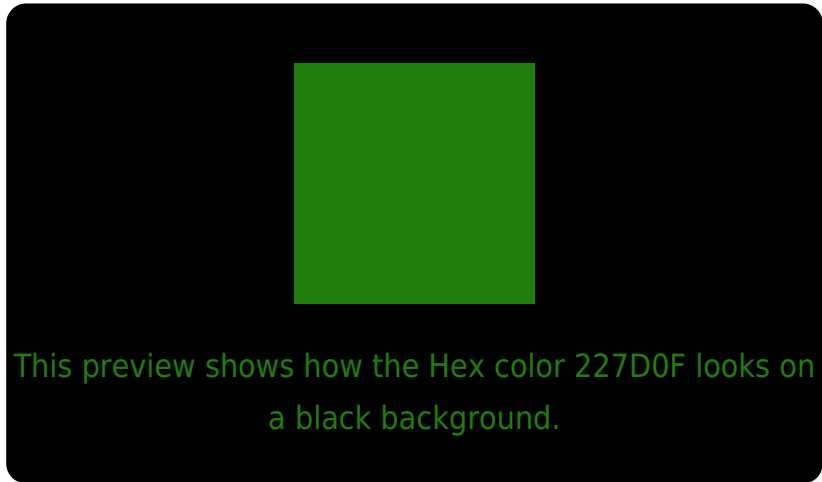
Large Text (above 18pt) WCAG AA ✓ Pass

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

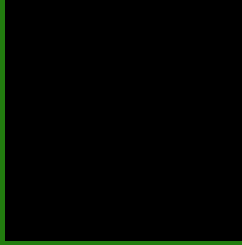
Any Text WCAG AA × Fail

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 227D0F Background



This preview shows how black text looks on a background with the Hex color 227D0F.



This preview shows how white text looks on a background with the Hex color 227D0F.

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
227D0F

Protanopia
796C08

Deuteranopia
87661E



Tritanopia
3D747E

Trichromacy



Original Color
227D0F



Protanomaly
59720B



Deuteranomaly
626E19



Tritanomaly
337756

Monochromacy



Original Color
227D0F



Achromatopsia
555555



Achromatomaly
42643C

CSS Examples

Text

The CSS property to change the color of the text to Hex 227D0F 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 #227D0F looks like.

```
.text, #text, p{  
    color:#227D0F  
}
```

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 #227D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227D0F  
}
```

Border

The CSS property to change the border of an element to Hex 227D0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

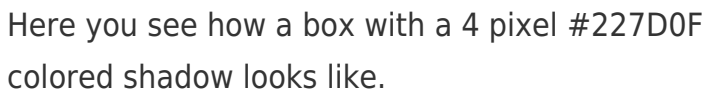
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#227D0F }
```

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

```
.border{ border-color:#227D0F }
```

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



Here you see how a box with a 4 pixel #227D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227D0F; -webkit-box-shadow:4px 4px  
4px 4px #227D0F; box-shadow:4px 4px 4px  
4px #227D0F }
```

Background

The CSS property to change the background color of an element to Hex 227D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227D0F }
```

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

```
.background{ background-color:#227D0F }
```

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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