

Converting Colors

Hex(22700E)

Have a look what the booklet for
Hex(22700E) contains.

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Color

Hex(22700E)

Conversions

Conversions Part 1

Format	Color
Hex	22700E
RGB	34, 112, 14
RGB Percent	13%, 44%, 5%
CMY	0.8667, 0.5608, 0.9451
CMYK	0.70, 0.00, 0.87, 0.56
HSL	108°, 78%, 25%
HSV	108°, 87%, 44%
XYZ	6.5331, 11.9601, 2.3797
YIQ	77.5060, -15.0300, -47.0140

Conversions

Conversions Part 2

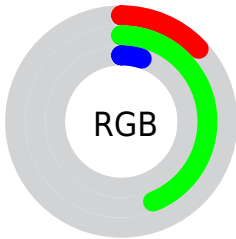
Format	Color
RYB	14, 112, 92
Decimal	2256910
CIELab	41.15, -41.53, 42.62
CIELCh	41, 59.510, 134.258
Yxy	11.9601, 0.3130, 0.5730
Android (android.graphics.Color)	4280446990 (0xFF22700E)
YUV	77.5060, -31.3085, -38.1548
Hunter-Lab	34.5834, -26.8007, 20.1287

Details

The Hex color **22700E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5C0E70**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5BA543**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **197003**, and if you desaturate by 10%, it is **2B7019**.

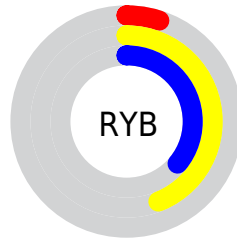
Distribution



Red (13%)

Green (44%)

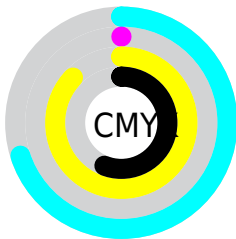
Blue (5%)



Red (5%)

Yellow (44%)

Blue (36%)

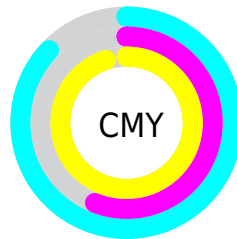


Cyan (70%)

Magenta (0%)

Yellow (87%)

Black (56%)



Cyan (87%)

Magenta (56%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22700E 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 22700E by changing the saturation by 10% instead.



22700E



22700E

FFFFFF



005700



5BA543



003F00



76C05D



002900



92DC77



000800



AEF991



000000



CBFFAC



E8FFC8



FFFFE5



22700E



22700E

■ 197003

■ 2B7019

■ 177000

■ 347024

■ 3D7030

■ 46703B

■ 4F7046

■ 577051

■ 60705C

■ 697068

■ 727073

Harmonies

Analogous

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



606600



22700E



007545

Triad

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



22700E



006EC0



B6274C

Complementary

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



22700E



5C0E70

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.



AA2D7D



22700E



005FC1

Square

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



22700E



0075A5



7F48A8



A93E1D

Rectangle

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



22700E



007667



7F48A8



B5255C

Sweetspot

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



22700E



73916C



705B0E



384A33



C9C9C9



4A4A4A

Same Dimension

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



22700E



1E9100



0E702A



343832



187800



32F700

Inverse Universe

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



5C0E70



740091



700E54



373238



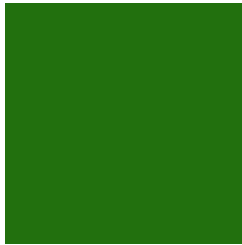
5F0078



C500F7

Previews

White Background



This preview shows how the Hex color 22700E looks on a white background.

Color Contrast Check

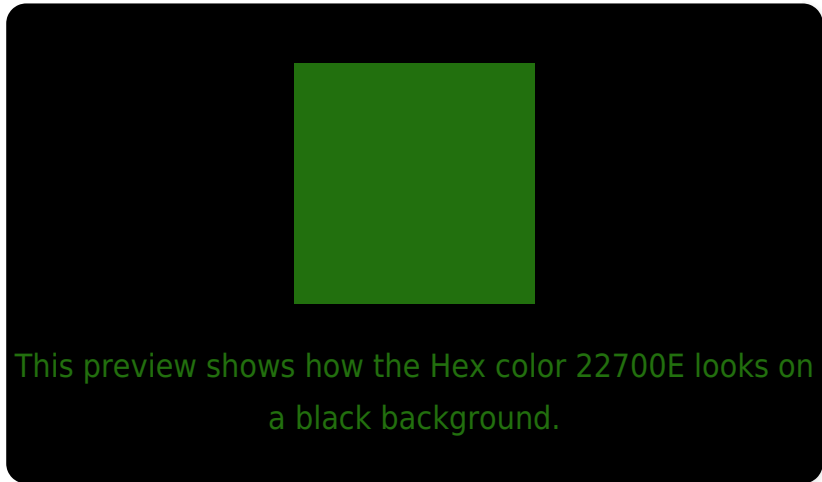
Large Text (above 18pt) WCAG AA ✓ Pass

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 22700E Background



This preview shows how black text looks on a background with the Hex color 22700E.



This preview shows how white text looks on a background with the Hex color 22700E.

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
22700E

Protanopia
6D6109

Deuteranopia
795C1B



Tritanopia
386871

Trichromacy



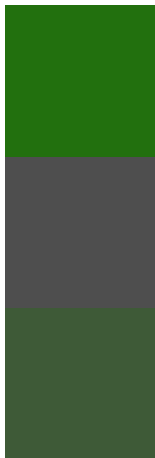
Original Color
22700E

Protanomaly
52660B

Deuteranomaly
596316

Tritanomaly
306B4D

Monochromacy



Original Color
22700E

Achromatopsia
4E4E4E

Achromatomaly
3E5A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 22700E 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 #22700E looks like.

```
.text, #text, p{  
    color:#22700E  
}
```

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 #22700E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22700E
}
```

Border

The CSS property to change the border of an element to Hex 22700E is called "border". The border property can be set on classes, ids or directly on the HTML element.

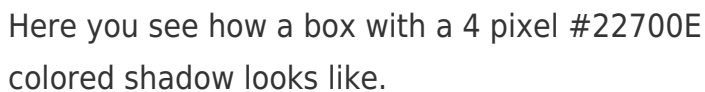
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22700E }
```

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

```
.border{ border-color:#22700E }
```

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



Here you see how a box with a 4 pixel #22700E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22700E; -webkit-box-shadow:4px 4px  
4px 4px #22700E; box-shadow:4px 4px 4px  
4px #22700E }
```

Background

The CSS property to change the background color of an element to Hex 22700E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22700E }
```

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

```
.background{ background-color:#22700E }
```

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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