

Converting Colors

Hex(226841)

Have a look what the booklet for
Hex(226841) contains.

Hex(226841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(226841)

Conversions

Conversions Part 1

Format	Color
Hex	226841
RGB	34, 104, 65
RGB Percent	13%, 41%, 25%
CMY	0.8667, 0.5922, 0.7451
CMYK	0.67, 0.00, 0.38, 0.59
HSL	147°, 51%, 27%
HSV	147°, 67%, 41%
XYZ	6.5641, 10.6224, 6.7054
YIQ	78.6240, -29.2010, -26.9690

Conversions

Conversions Part 2

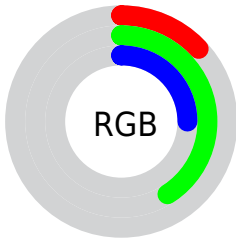
Format	Color
RYB	34, 83, 104
Decimal	2254913
CIELab	38.94, -31.66, 15.74
CIElCh	39, 35.354, 153.565
Yxy	10.6224, 0.2747, 0.4446
Android (android.graphics.Color)	4280444993 (0xFF226841)
YUV	78.6240, -6.7166, -39.1352
Hunter-Lab	32.5920, -21.0854, 10.6162

Details

The Hex color **226841** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **682249**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **579C71**, and **003816** is the 20% darker color. If you saturate the color by 10%, you get **18683B**, and if you desaturate by 10%, it is **2C6847**.

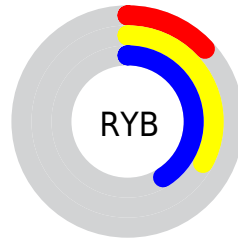
Distribution



Red (13%)

Green (41%)

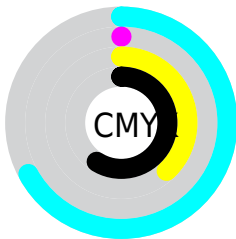
Blue (25%)



Red (13%)

Yellow (33%)

Blue (41%)

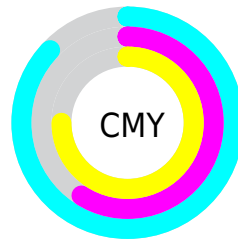


Cyan (67%)

Magenta (0%)

Yellow (38%)

Black (59%)



Cyan (87%)

Magenta (59%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 226841 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 226841 by changing the saturation by 10% instead.

 226841

 226841

FFFFFF

 004F2B


 579C71

 003816

 72B78B

 002300

 8CD3A5

 000000

 A8EFC0

 C4FFDC

 E0FFF9

 FDFFFF

 226841

 226841

■ 18683B

■ 2C6847

■ 0D6835

■ 37684D

■ 036830

■ 416852

■ 00682E

■ 4C6858

■ 56685E

■ 606864

■ 6B686A

■ 75686F

■ 806875

Harmonies

Analogous

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



4B6329



226841



006A5E

Triad

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



226841



2B5E95



8F473E

Complementary

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



226841



682249

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.



904359



226841



62538C

Square

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



226841



00658F



824876



805128

Rectangle

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



226841



006A72



824876



914446

Sweetspot

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



226841



6C8778



4A6822



34453C



C4C4C4



454545

Same Dimension

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



226841



1A874A



226863



2E3330



007333



00F26B

Inverse Universe

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



682249



871A57



682227



332E31



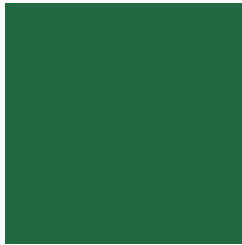
730040



F20087

Previews

White Background



This preview shows how the Hex color 226841 looks on a white background.

Color Contrast Check

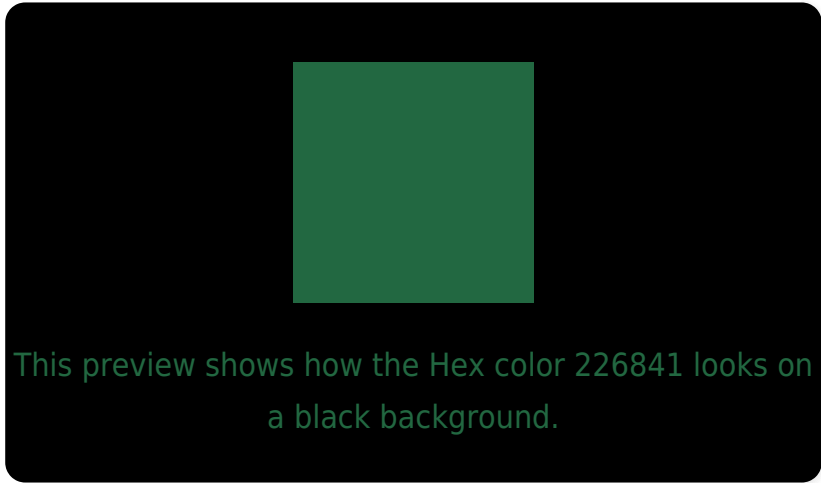
Large Text (above 18pt) WCAG AA ✓ Pass

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

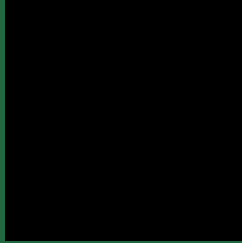
Any Text WCAG AA × Fail

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 226841 Background



This preview shows how black text looks on a background with the Hex color 226841.



This preview shows how white text looks on a background with the Hex color 226841.

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
226841

Protanopia
635B3C

Deuteranopia
6B5845



Tritanopia
31636B

Trichromacy



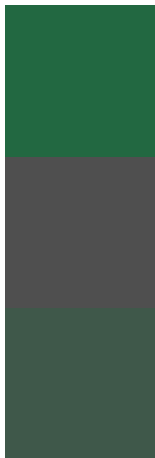
Original Color
226841

Protanomaly
4B603E

Deuteranomaly
505E44

Tritanomaly
2C655C

Monochromacy



Original Color
226841

Achromatopsia
4F4F4F

Achromatomaly
3F584A

CSS Examples

Text

The CSS property to change the color of the text to Hex 226841 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 #226841 looks like.

```
.text, #text, p{  
    color:#226841  
}
```

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 #226841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226841
}
```

Border

The CSS property to change the border of an element to Hex 226841 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
#226841 }
```

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

```
.border{ border-color:#226841 }
```

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

Here you see how a box with a 4 pixel #226841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226841; -webkit-box-shadow:4px 4px  
4px 4px #226841; box-shadow:4px 4px 4px  
4px #226841 }
```

Background

The CSS property to change the background color of an element to Hex 226841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226841 }
```

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

```
.background{ background-color:#226841 }
```

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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