

Converting Colors

Hex(226B16)

Have a look what the booklet for
Hex(226B16) contains.

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Color

Hex(226B16)

Conversions

Conversions Part 1

Format	Color
Hex	226B16
RGB	34, 107, 22
RGB Percent	13%, 42%, 9%
CMY	0.8667, 0.5804, 0.9137
CMYK	0.68, 0.00, 0.79, 0.58
HSL	112°, 66%, 25%
HSV	112°, 79%, 42%
XYZ	6.0622, 10.9134, 2.5460
YIQ	75.4830, -16.2230, -41.9110

Conversions

Conversions Part 2

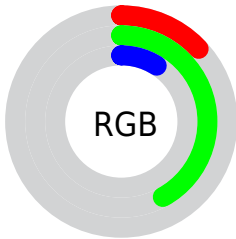
Format	Color
R_{YB}	22, 107, 95
Decimal	2255638
CIE _{Lab}	39.43, -39.17, 38.38
CIE _{LCh}	39, 54.842, 135.579
Yxy	10.9134, 0.3105, 0.5590
Android (android.graphics.Color)	4280445718 (0xFF226B16)
YUV	75.4830, -26.3671, -36.3806
Hunter-Lab	33.0354, -25.0562, 18.5553

Details

The Hex color **226B16** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F166B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5A9F48**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **196B0B**, and if you desaturate by 10%, it is **2B6B21**.

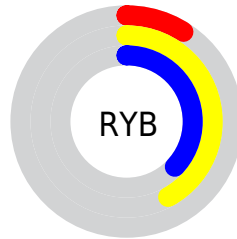
Distribution



Red (13%)

Green (42%)

Blue (9%)



Red (9%)

Yellow (42%)

Blue (37%)

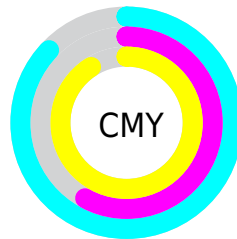


Cyan (68%)

Magenta (0%)

Yellow (79%)

Black (58%)



Cyan (87%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226B16 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 226B16 by changing the saturation by 10% instead.

 226B16

 226B16

FFFFFF

 005200

 5A9F48

 003A00

 75BB61

 002600

 90D77B

 000000

 ACF395

 C8FFB0

 E5FFCC

 FFFFE9

 226B16

 226B16

■ 196B0B

■ 2B6B21

■ 106B01

■ 346B2B

■ 0F6B00

■ 3E6B36

■ 476B41

■ 506B4C

■ 596B56

■ 626B61

■ 6C6B6C

■ 756B76

Harmonies

Analogous

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



5B6200



226B16



007045

Triad

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



226B16



0068B4



AB2C48

Complementary

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



226B16



5F166B

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.



A12F74



226B16



1E5AB4

Square

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



226B16



006F9C



7B459C



9F3E1D

Rectangle

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



226B16



007164



7B459C



AB2956

Sweetspot

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



226B16



6F8C6B



6B5E16



364733



C7C7C7



474747

Same Dimension

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



226B16



1A8C07



166B34



313630



117500



23F500

Inverse Universe

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



5F166B



79078C



6B164D



353036



650075



D200F5

Previews

White Background



This preview shows how the Hex color 226B16 looks on a white background.

Color Contrast Check

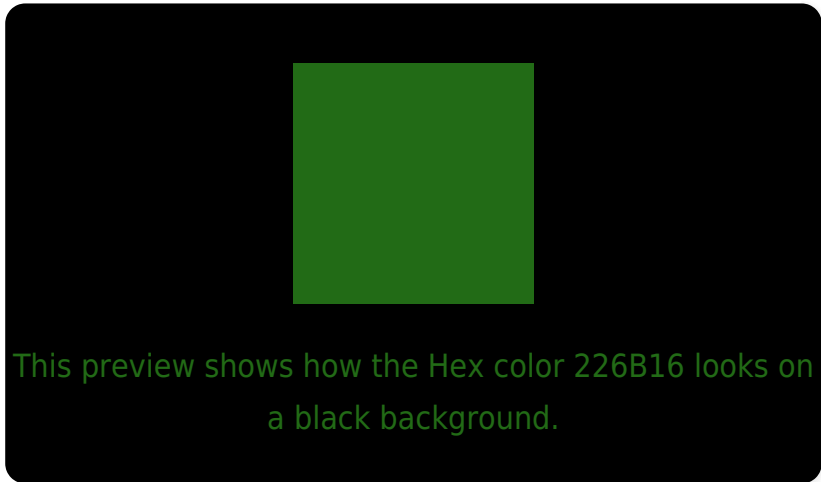
Large Text (above 18pt) WCAG AA ✓ Pass

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

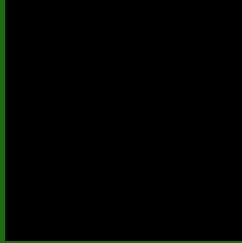
Any Text WCAG AA × Fail

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 226B16 Background



This preview shows how black text looks on a background with the Hex color 226B16.



This preview shows how white text looks on a background with the Hex color 226B16.

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
226B16

Protanopia
685D12

Deuteranopia
74581F



Tritanopia
36646C

Trichromacy



Original Color
226B16

Protanomaly
4F6213

Deuteranomaly
565F1C

Tritanomaly
2F674D

Monochromacy



Original Color
226B16

Achromatopsia
4B4B4B

Achromatomaly
3C5738

CSS Examples

Text

The CSS property to change the color of the text to Hex 226B16 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 #226B16 looks like.

```
.text, #text, p{  
    color:#226B16  
}
```

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 #226B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226B16
}
```

Border

The CSS property to change the border of an element to Hex 226B16 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
#226B16 }
```

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

```
.border{ border-color:#226B16 }
```

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

Here you see how a box with a 4 pixel #226B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226B16; -webkit-box-shadow:4px 4px  
4px 4px #226B16; box-shadow:4px 4px 4px  
4px #226B16 }
```

Background

The CSS property to change the background color of an element to Hex 226B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226B16 }
```

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

```
.background{ background-color:#226B16 }
```

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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