

Converting Colors

Hex(226F52)

Have a look what the booklet for
Hex(226F52) contains.

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Color

Hex(226F52)

Conversions

Conversions Part 1

Format	Color
Hex	226F52
RGB	34, 111, 82
RGB Percent	13%, 44%, 32%
CMY	0.8667, 0.5647, 0.6784
CMYK	0.69, 0.00, 0.26, 0.56
HSL	157°, 53%, 28%
HSV	157°, 69%, 44%
XYZ	7.8671, 12.3182, 9.9456
YIQ	84.6710, -36.5830, -25.3430

Conversions

Conversions Part 2

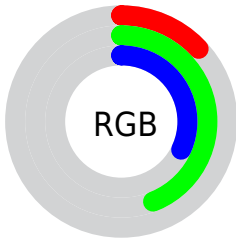
Format	Color
R_{YB}	34, 81, 111
Decimal	2256722
CIE _{Lab}	41.72, -30.88, 9.44
CIE _{LCh}	42, 32.290, 162.999
Yxy	12.3182, 0.2611, 0.4088
Android (android.graphics.Color)	4280446802 (0xFF226F52)
YUV	84.6710, -1.3168, -44.4385
Hunter-Lab	35.0972, -21.4090, 7.7668

Details

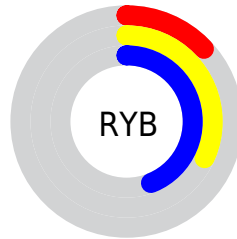
The Hex color **226F52** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F223F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **59A383**, and **003E25** is the 20% darker color. If you saturate the color by 10%, you get **176F4E**, and if you desaturate by 10%, it is **2D6F56**.

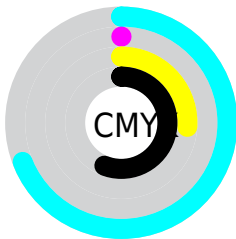
Distribution



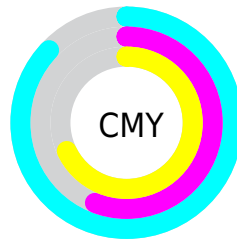
- Red (13%)
- Green (44%)
- Blue (32%)



- Red (13%)
- Yellow (32%)
- Blue (44%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226F52 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 226F52 by changing the saturation by 10% instead.



226F52



226F52

FFFFFF



00563B



59A383



003E25



74BF9E



002811



8FDDB8



000C00



AAF7D4



000000



C7FFF0



E3FFFF



226F52



226F52



176F4E



2D6F56

■ 0C6F4A

■ 386F5A

■ 016F45

■ 436F5F

■ 006F45

■ 4E6F63

■ 5A6F67

■ 656F6B

■ 706F6F

■ 7B6F73

■ 866F78

Harmonies

Analogous

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



4A6B3A



226F52



00706D

Triad

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



226F52



4C6196



90523F

Complementary

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



226F52



6F223F

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.



954D58



226F52



745789

Square

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



226F52



006995



8C4F73



7F5C2F

Rectangle

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



226F52



006F7F



8C4F73



935047

Sweetspot

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



226F52



739186



406F22



374A43



C9C9C9



4A4A4A

Same Dimension

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



226F52



199164



22666F



323836



00784B



00F79A

Inverse Universe

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



6F223F



911946



6F2B22



383235



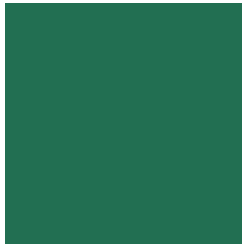
78002D



F7005D

Previews

White Background



This preview shows how the Hex color 226F52 looks on a white background.

Color Contrast Check

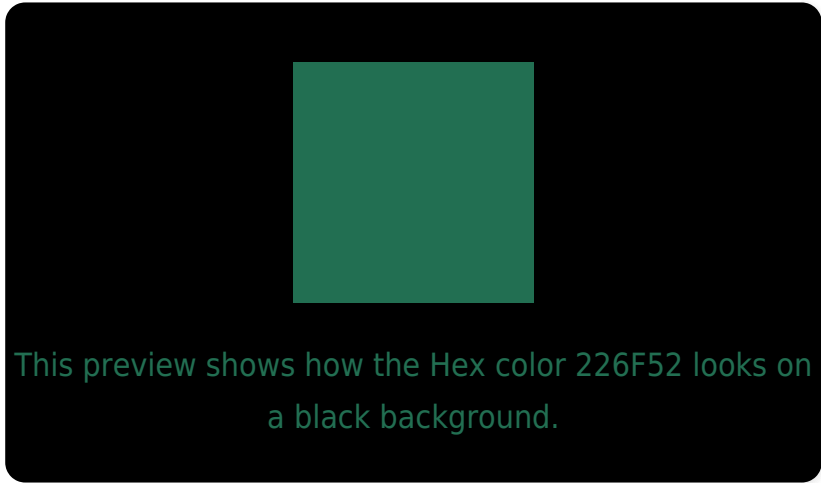
Large Text (above 18pt) WCAG AA ✓ Pass

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

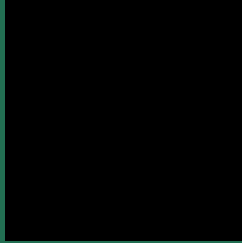
Any Text WCAG AA × Fail

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 226F52 Background



This preview shows how black text looks on a background with the Hex color 226F52.



This preview shows how white text looks on a background with the Hex color 226F52.

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
226F52

Protanopia
68624C

Deuteranopia
705E56



Tritanopia
306B73

Trichromacy



Original Color
226F52

Protanomaly
4F674E

Deuteranomaly
546455

Tritanomaly
2B6C67

Monochromacy



Original Color
226F52

Achromatopsia
555555

Achromatomaly
425E54

CSS Examples

Text

The CSS property to change the color of the text to Hex 226F52 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 #226F52 looks like.

```
.text, #text, p{  
    color:#226F52  
}
```

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 #226F52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226F52
}
```

Border

The CSS property to change the border of an element to Hex 226F52 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
#226F52 }
```

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

```
.border{ border-color:#226F52 }
```

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

Here you see how a box with a 4 pixel #226F52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226F52; -webkit-box-shadow:4px 4px  
4px 4px #226F52; box-shadow:4px 4px 4px  
4px #226F52 }
```

Background

The CSS property to change the background color of an element to Hex 226F52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226F52 }
```

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

```
.background{ background-color:#226F52 }
```

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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