

Converting Colors

Hex(226F65)

Have a look what the booklet for
Hex(226F65) contains.

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Color

Hex(226F65)

Conversions

Conversions Part 1

Format	Color
Hex	226F65
RGB	34, 111, 101
RGB Percent	13%, 44%, 40%
CMY	0.8667, 0.5647, 0.6039
CMYK	0.69, 0.00, 0.09, 0.56
HSL	172°, 53%, 28%
HSV	172°, 69%, 44%
XYZ	8.6931, 12.6485, 14.2952
YIQ	86.8370, -42.6820, -19.4340

Conversions

Conversions Part 2

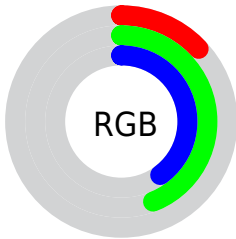
Format	Color
RYB	34, 75, 111
Decimal	2256741
CIELab	42.23, -25.71, -1.26
CIElCh	42, 25.741, 182.795
Yxy	12.6485, 0.2439, 0.3549
Android (android.graphics.Color)	4280446821 (0xFF226F65)
YUV	86.8370, 6.9824, -46.3380
Hunter-Lab	35.5648, -18.6077, 1.0639

Details

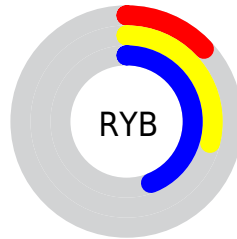
The Hex color **226F65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F222C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AA398**, and **003F36** is the 20% darker color. If you saturate the color by 10%, you get **176F64**, and if you desaturate by 10%, it is **2D6F66**.

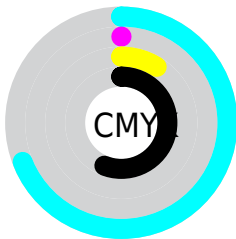
Distribution



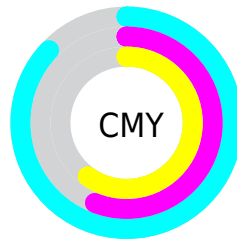
- Red (13%)
- Green (44%)
- Blue (40%)



- Red (13%)
- Yellow (29%)
- Blue (44%)



- Cyan (69%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226F65 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 226F65 by changing the saturation by 10% instead.



226F65



226F65

FFFFFF



00564D



5AA398



003F36



75BEB3



002821



90DACE



000F0B



ACF7EA



000000



C8FFFF



E5FFFF



226F65



226F65



176F64



2D6F66

■ 0C6F62

■ 386F68

■ 016F61

■ 436F69

■ 006F61

■ 4E6F6B

■ 5A6F6C

■ 656F6E

■ 706F6F

■ 7B6F71

■ 866F72

Harmonies

Analogous

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



406D50



226F65



056E7A

Triad

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



226F65



695D87



815C3E

Complementary

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



226F65



6F222C

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.



8C554E



226F65



805677

Square

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



226F65



48658E



8C5362



706339

Rectangle

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



226F65



146C85



8C5362



865943

Sweetspot

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



226F65



73918D



2C6F22



374A48



C9C9C9



4A4A4A

Same Dimension

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



226F65



199182



22536F



323837



007868



00F7D7

Inverse Universe

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



6F222C



911928



6F3E22



383233



780010



F70020

Previews

White Background



This preview shows how the Hex color 226F65 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

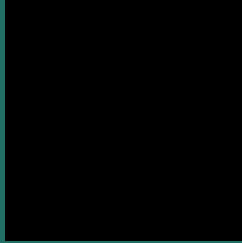
Any Text WCAG AA × Fail

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 226F65 Background



This preview shows how black text looks on a background with the Hex color 226F65.



This preview shows how white text looks on a background with the Hex color 226F65.

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
226F65

Protanopia
66635E

Deuteranopia
6B6068



Tritanopia
2A6D75

Trichromacy



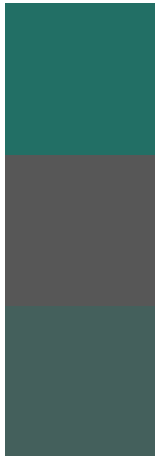
Original Color
226F65

Protanomaly
4D6761

Deuteranomaly
506567

Tritanomaly
276E6F

Monochromacy



Original Color
226F65

Achromatopsia
575757

Achromatomaly
44605C

CSS Examples

Text

The CSS property to change the color of the text to Hex 226F65 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 #226F65 looks like.

```
.text, #text, p{  
    color:#226F65  
}
```

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 #226F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226F65
}
```

Border

The CSS property to change the border of an element to Hex 226F65 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
#226F65 }
```

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

```
.border{ border-color:#226F65 }
```

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

Here you see how a box with a 4 pixel #226F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226F65; -webkit-box-shadow:4px 4px  
4px 4px #226F65; box-shadow:4px 4px 4px  
4px #226F65 }
```

Background

The CSS property to change the background color of an element to Hex 226F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226F65 }
```

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

```
.background{ background-color:#226F65 }
```

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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