

Converting Colors

Hex(226F64)

Have a look what the booklet for
Hex(226F64) contains.

Hex(226F64)	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(226F64)

Conversions

Conversions Part 1

Format	Color
Hex	226F64
RGB	34, 111, 100
RGB Percent	13%, 44%, 39%
CMY	0.8667, 0.5647, 0.6078
CMYK	0.69, 0.00, 0.10, 0.56
HSL	171°, 53%, 28%
HSV	171°, 69%, 44%
XYZ	8.6444, 12.6291, 14.0386
YIQ	86.7230, -42.3610, -19.7450

Conversions

Conversions Part 2

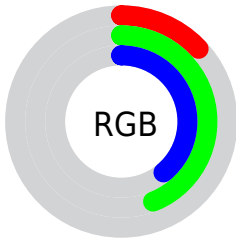
Format	Color
RYB	34, 75, 111
Decimal	2256740
CIELab	42.20, -26.00, -0.70
CIELCh	42, 26.012, 181.531
Yxy	12.6291, 0.2448, 0.3576
Android (android.graphics.Color)	4280446820 (0xFF226F64)
YUV	86.7230, 6.5456, -46.2381
Hunter-Lab	35.5374, -18.7708, 1.4543

Details

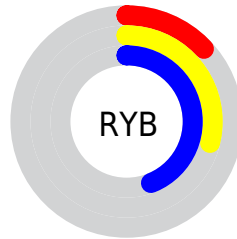
The Hex color **226F64** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F222D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AA397**, and **003F36** is the 20% darker color. If you saturate the color by 10%, you get **176F62**, and if you desaturate by 10%, it is **2D6F66**.

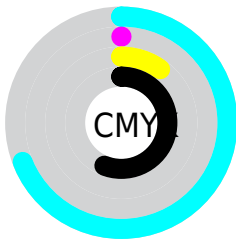
Distribution



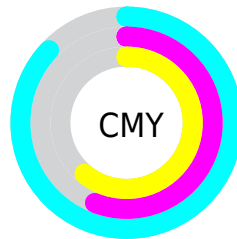
- Red (13%)
- Green (44%)
- Blue (39%)



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



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (87%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 226F64 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 226F64 by changing the saturation by 10% instead.

■ 226F64

■ 226F64

FFFFFF

■ 00564C

■ 5AA397

■ 003F36

■ 75BEB1

■ 002820

■ 90DACD

■ 000F09

■ ACF7E9

■ 000000

■ C8FFFF

■ E5FFFF

■ 226F64

■ 226F64

■ 176F62

■ 2D6F66

■ 0C6F61

■ 386F67

■ 016F5F

■ 436F69

■ 006F5F

■ 4E6F6A

■ 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.



406D4E



226F64



016E79

Triad

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



226F64



675E88



825B3E

Complementary

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



226F64



6F222D

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



226F64



7F5678

Square

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



226F64



46658E



8C5363



716338

Rectangle

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



226F64



0F6D85



8C5363



875943

Sweetspot

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



226F64



73918D



2E6F22



374A47



C9C9C9



4A4A4A

Same Dimension

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



226F64



199180



22546F



323837



007867



00F7D4

Inverse Universe

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



6F222D



91192A



6F3D22



383233



780011



F70023

Previews

White Background



This preview shows how the Hex color 226F64 looks on a white background.

Color Contrast Check

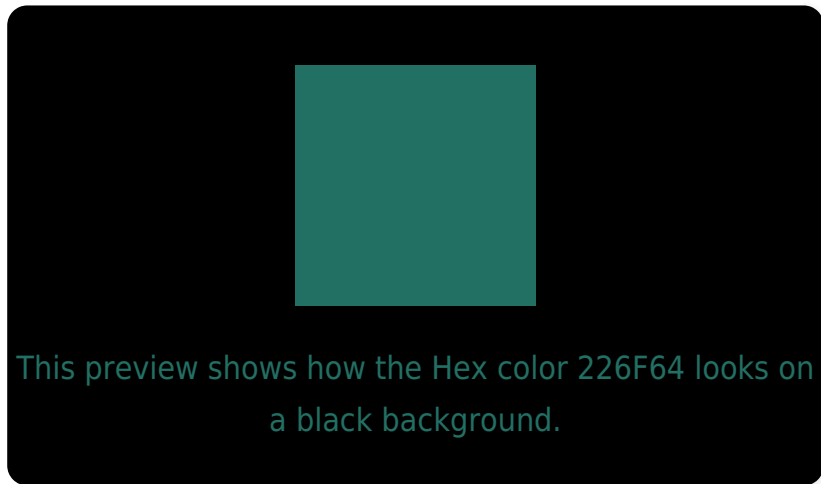
Large Text (above 18pt) WCAG AA ✓ Pass

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

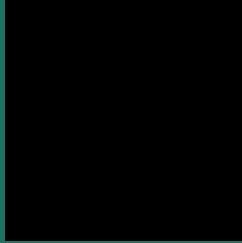
Any Text WCAG AA × Fail

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 226F64 Background



This preview shows how black text looks on a background with the Hex color 226F64.

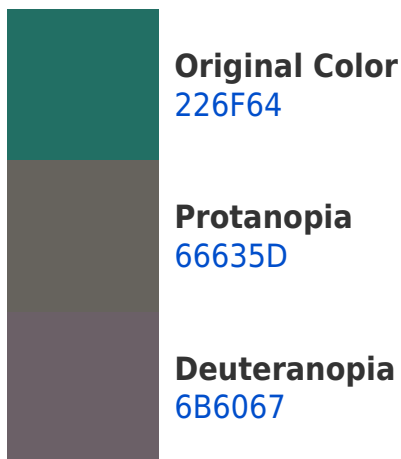


This preview shows how white text looks on a background with the Hex color 226F64.

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](#).

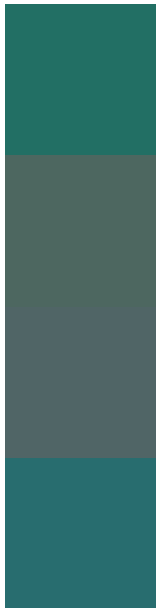
Dichromacy





Tritanopia
2B6C75

Trichromacy



Original Color
226F64

Protanomaly
4D6760

Deuteranomaly
506566

Tritanomaly
286D6F

Monochromacy



Original Color
226F64

Achromatopsia
575757

Achromatomaly
44605C

CSS Examples

Text

The CSS property to change the color of the text to Hex 226F64 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 #226F64 looks like.

```
.text, #text, p{  
    color:#226F64  
}
```

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 #226F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226F64  
}
```

Border

The CSS property to change the border of an element to Hex 226F64 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  
#226F64 }
```

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

```
.border{ border-color:#226F64 }
```

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

Here you see how a box with a 4 pixel #226F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226F64; -webkit-box-shadow:4px 4px  
4px 4px #226F64; box-shadow:4px 4px 4px  
4px #226F64 }
```

Background

The CSS property to change the background color of an element to Hex 226F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226F64 }
```

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

```
.background{ background-color:#226F64 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor