

Converting Colors

Hex(22726F)

Have a look what the booklet for
Hex(22726F) contains.

Hex(22726F)	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(22726F)

Conversions

Conversions Part 1

Format	Color
Hex	22726F
RGB	34, 114, 111
RGB Percent	13%, 45%, 44%
CMY	0.8667, 0.5529, 0.5647
CMYK	0.70, 0.00, 0.03, 0.55
HSL	178°, 54%, 29%
HSV	178°, 70%, 45%
XYZ	9.5462, 13.5224, 17.1459
YIQ	89.7380, -46.7170, -17.8930

Conversions

Conversions Part 2

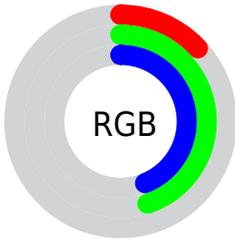
Format	Color
RYB	34, 75, 114
Decimal	2257519
CIELab	43.54, -24.22, -5.35
CIElCh	44, 24.804, 192.447
Yxy	13.5224, 0.2374, 0.3363
Android (android.graphics.Color)	4280447599 (0xFF22726F)
YUV	89.7380, 10.4822, -48.8822
Hunter-Lab	36.7728, -18.0138, -1.9039

Details

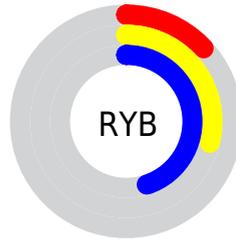
The Hex color **22726F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **722225**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5BA6A3**, and **00413F** is the 20% darker color. If you saturate the color by 10%, you get **17726F**, and if you desaturate by 10%, it is **2D726F**.

Distribution



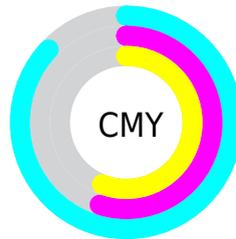
- Red (13%)
- Green (45%)
- Blue (44%)



- Red (13%)
- Yellow (29%)
- Blue (45%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22726F 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 22726F by changing the saturation by 10% instead.

■ 22726F

■ 22726F

FFFFFF

■ 005957

■ 5BA6A3

■ 00413F

■ 76C2BE

■ 002B2A

■ 92DED9

■ 001515

■ AEFAF6

■ 000000

■ CAFFFF

■ E7FFFF

■ 22726F

■ 22726F

■ 17726F

■ 2D726F

■ 0B726E

■ 397270

■ 00726E

■ 447270

■ 507271

■ 5B7271

■ 667272

■ 727272

■ 7D7272

■ 897273

Harmonies

Analogous

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



3C715A



22726F



1A7082

Triad

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



22726F



745E85



7F6140

Complementary

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



22726F



722225

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.



8C5B4C



22726F



875974

Square

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



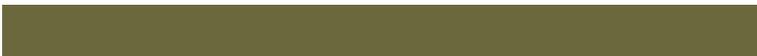
22726F



58668F



8F575F



6C683E

Rectangle

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



22726F



2B6E8B



8F575F



845F43

Sweetspot

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



22726F



759493



267222



374A49



C9C9C9



4A4A4A

Same Dimension

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



22726F



18948F



224E72



323838



007873



00F7EE

Inverse Universe

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



722225



94181C



724622



383233



780004



F70009

Previews

White Background



This preview shows how the Hex color 22726F looks on a white background.

Color Contrast Check

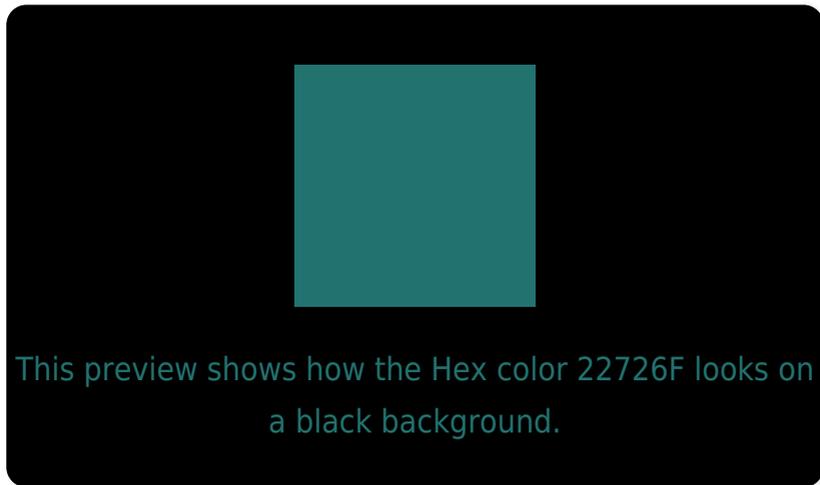
Large Text (above 18pt) WCAG AA ✓ Pass

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

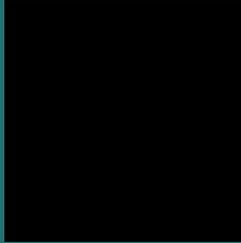
Any Text WCAG AA × Fail

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 22726F Background



This preview shows how black text looks on a background with the Hex color 22726F.



This preview shows how white text looks on a background with the Hex color 22726F.

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
22726F

Protanopia
686668

Deuteranopia
6B6472



Tritanopia
28707A

Trichromacy



Original Color
22726F

Protanomaly
4F6A6B

Deuteranomaly
506971

Tritanomaly
267176

Monochromacy



Original Color
22726F

Achromatopsia
5A5A5A

Achromatomaly
466362

CSS Examples

Text

The CSS property to change the color of the text to Hex 22726F 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 #22726F looks like.

```
.text, #text, p{  
    color:#22726F  
}
```

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 #22726F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22726F
}
```

Border

The CSS property to change the border of an element to Hex 22726F 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
#22726F }
```

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

```
.border{ border-color:#22726F }
```

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

Here you see how a box with a 4 pixel #22726F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22726F; -webkit-box-shadow:4px 4px  
4px 4px #22726F; box-shadow:4px 4px 4px  
4px #22726F }
```

Background

The CSS property to change the background color of an element to Hex 22726F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22726F }
```

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

```
.background{ background-color:#22726F }
```

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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