

Converting Colors

Hex(22676E)

Have a look what the booklet for
Hex(22676E) contains.

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Color

Hex(22676E)

Conversions

Conversions Part 1

Format	Color
Hex	22676E
RGB	34, 103, 110
RGB Percent	13%, 40%, 43%
CMY	0.8667, 0.5961, 0.5686
CMYK	0.69, 0.06, 0.00, 0.57
HSL	186°, 53%, 28%
HSV	186°, 69%, 43%
XYZ	8.3244, 11.1664, 16.4684
YIQ	83.1670, -43.3710, -12.4510

Conversions

Conversions Part 2

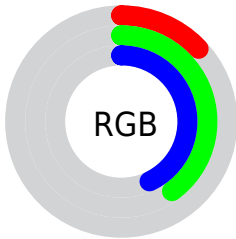
Format	Color
RYB	34, 70, 110
Decimal	2254702
CIELab	39.86, -18.73, -10.25
CIELCh	40, 21.349, 208.695
Yxy	11.1664, 0.2315, 0.3105
Android (android.graphics.Color)	4280444782 (0xFF22676E)
YUV	83.1670, 13.2287, -43.1195
Hunter-Lab	33.4161, -14.0114, -5.8286

Details

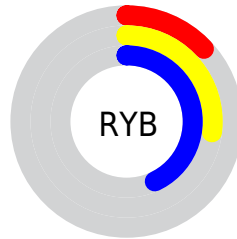
The Hex color **22676E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E2922**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5A9AA2**, and **00383E** is the 20% darker color. If you saturate the color by 10%, you get **17666E**, and if you desaturate by 10%, it is **2D686E**.

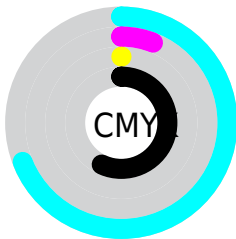
Distribution



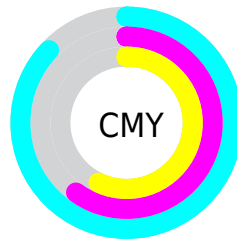
- Red (13%)
- Green (40%)
- Blue (43%)



- Red (13%)
- Yellow (27%)
- Blue (43%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22676E 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 22676E by changing the saturation by 10% instead.

■ 22676E

■ 22676E

FFFFFF

■ 004F56

■ 5A9AA2

■ 00383E

■ 75B5BD

■ 002229

■ 90D1D8

■ 000115

■ ACEDF5

■ 000000

■ C8FFFF

■ E5FFFF

■ 22676E

■ 22676E

■ 17666E

■ 2D686E

0C656E

38696E

01646E

436A6E

00646E

4E6B6E

596C6E

646D6E

6F6E6E

7A6F6E

85706E

Harmonies

Analogous

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



2F675D



22676E



2C647B

Triad

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



22676E



735470



6B5D3B

Complementary

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



22676E



6E2922

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.



795741



22676E



7F515F

Square

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



22676E



5F5A7C



80524E



58623F

Rectangle

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



22676E



3C6280



80524E



705B3C

Sweetspot

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



22676E



718C8F



226E28



364647



C7C7C7



474747

Same Dimension

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



22676E



18848F



22426E



323838



006D78



00E1F7

Inverse Universe

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



6E2267



8F1884



6E4E22



383238



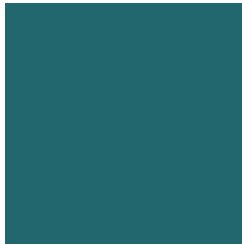
78006D



F700E1

Previews

White Background



This preview shows how the Hex color 22676E looks on a white background.

Color Contrast Check

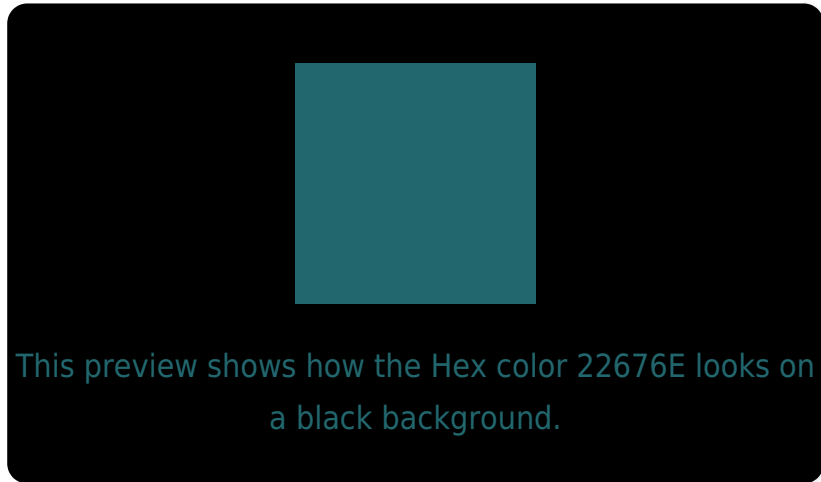
Large Text (above 18pt) WCAG AA ✓ Pass

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 22676E Background



This preview shows how black text looks on a background with the Hex color 22676E.



This preview shows how white text looks on a background with the Hex color 22676E.

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
22676E

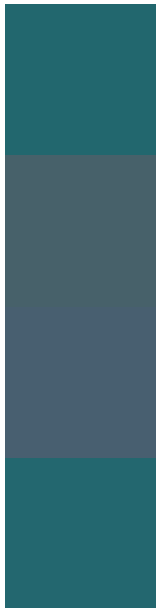
Protanopia
5C5D67

Deuteranopia
5D5B71



Tritanopia
23676F

Trichromacy



Original Color
22676E

Protanomaly
47616A

Deuteranomaly
485F70

Tritanomaly
23676F

Monochromacy



Original Color
22676E

Achromatopsia
535353

Achromatomaly
415A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 22676E 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 #22676E looks like.

```
.text, #text, p{  
    color:#22676E  
}
```

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 #22676E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22676E
}
```

Border

The CSS property to change the border of an element to Hex 22676E 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
#22676E }
```

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

```
.border{ border-color:#22676E }
```

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

Here you see how a box with a 4 pixel #22676E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22676E; -webkit-box-shadow:4px 4px  
4px 4px #22676E; box-shadow:4px 4px 4px  
4px #22676E }
```

Background

The CSS property to change the background color of an element to Hex 22676E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22676E }
```

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

```
.background{ background-color:#22676E }
```

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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