

Converting Colors

Hex(22656E)

Have a look what the booklet for
Hex(22656E) contains.

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Color

Hex(22656E)

Conversions

Conversions Part 1

Format	Color
Hex	22656E
RGB	34, 101, 110
RGB Percent	13%, 40%, 43%
CMY	0.8667, 0.6039, 0.5686
CMYK	0.69, 0.08, 0.00, 0.57
HSL	187°, 53%, 28%
HSV	187°, 69%, 43%
XYZ	8.1278, 10.7732, 16.4029
YIQ	81.9930, -42.8210, -11.4050

Conversions

Conversions Part 2

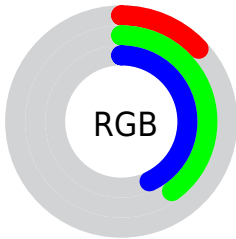
Format	Color
R_{YB}	34, 70, 110
Decimal	2254190
CIE _{Lab}	39.20, -17.63, -11.25
CIE _{LCh}	39, 20.915, 212.550
Yxy	10.7732, 0.2302, 0.3052
Android (android.graphics.Color)	4280444270 (0xFF22656E)
YUV	81.9930, 13.8075, -42.0899
Hunter-Lab	32.8226, -13.2377, -6.6540

Details

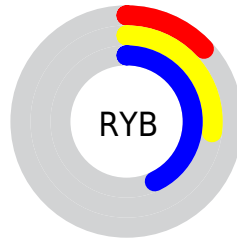
The Hex color **22656E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E2B22**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5998A2**, and **00363E** is the 20% darker color. If you saturate the color by 10%, you get **17646E**, and if you desaturate by 10%, it is **2D666E**.

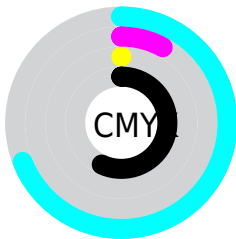
Distribution



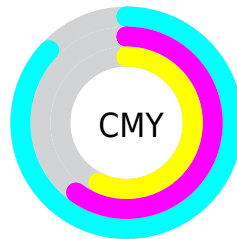
- Red (13%)
- Green (40%)
- Blue (43%)



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



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 22656E 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 22656E by changing the saturation by 10% instead.

■ 22656E

■ 22656E

FFFFFF

■ 004D56

■ 5998A2

■ 00363E

■ 74B3BD

■ 002129

■ 8FCFD8

■ 000115

■ ABEBF5

■ 000000

■ C7FFFF

■ E4FFFF

■ 22656E

■ 22656E

■ 17646E

■ 2D666E

0C626E

38686E

01616E

43696E

00616E

4E6A6E

596C6E

646D6E

6F6E6E

7A6F6E

85716E

Harmonies

Analogous

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



2D665D



22656E



2E627A

Triad

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



22656E



73526C



675C3A

Complementary

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



22656E



6E2B22

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.



75563F



22656E



7D4F5B

Square

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



22656E



605779



7D514B



54613F

Rectangle

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



22656E



3F5F7E



7D514B



6C5A3B

Sweetspot

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



22656E



718B8F



226E2B



364547



C7C7C7



474747

Same Dimension

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



22656E



18818F



223F6E



323738



006A78



00DAF7

Inverse Universe

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



6E2265



8F1881



6E5122



383237



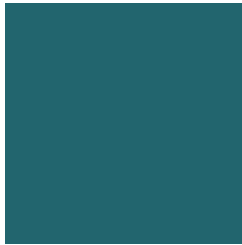
78006A



F700DA

Previews

White Background



This preview shows how the Hex color 22656E looks on a white background.

Color Contrast Check

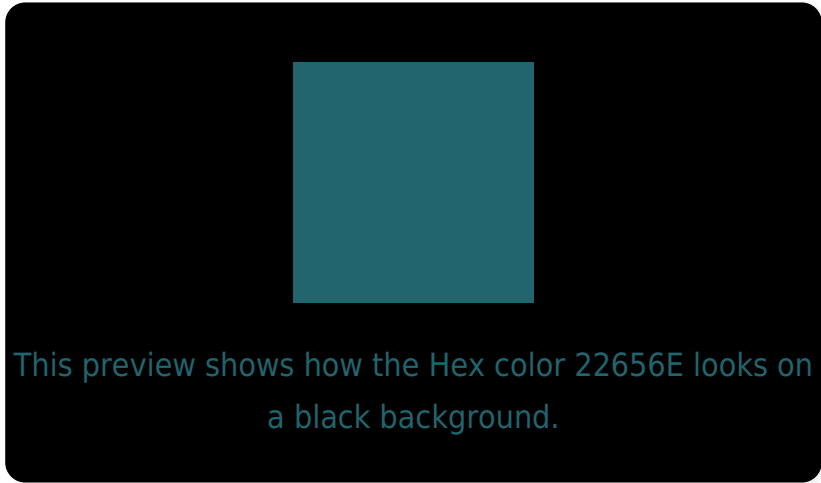
Large Text (above 18pt) WCAG AA ✓ Pass

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

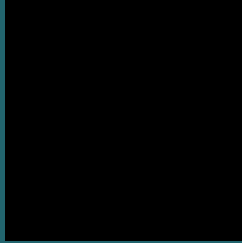
Any Text WCAG AA × Fail

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 22656E Background



This preview shows how black text looks on a background with the Hex color 22656E.

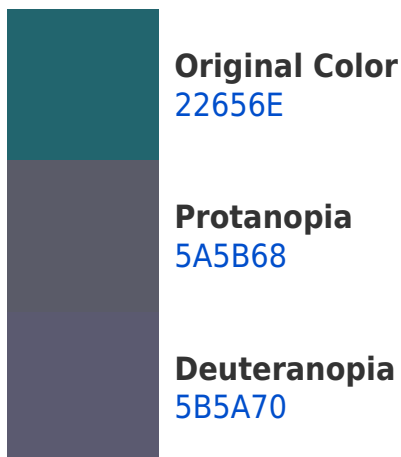



This preview shows how white text looks on a background with the Hex color 22656E.

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](#).

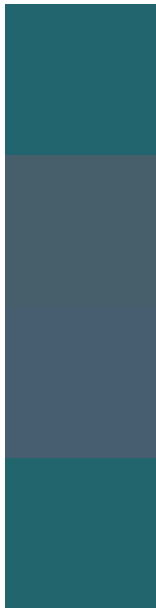
Dichromacy





Tritanopia
22656D

Trichromacy



Original Color
22656E

Protanomaly
465F6A

Deuteranomaly
465E6F

Tritanomaly
22656D

Monochromacy



Original Color
22656E

Achromatopsia
525252

Achromatomaly
41595C

CSS Examples

Text

The CSS property to change the color of the text to Hex 22656E 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 #22656E looks like.

```
.text, #text, p{  
    color:#22656E  
}
```

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 #22656E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22656E
}
```

Border

The CSS property to change the border of an element to Hex 22656E is called "border". The border property can be set on classes, ids or directly on the HTML element.

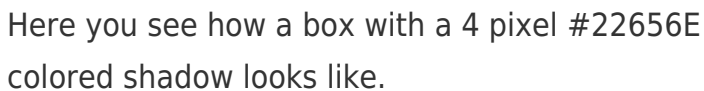
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22656E }
```

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

```
.border{ border-color:#22656E }
```

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



Here you see how a box with a 4 pixel #22656E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22656E; -webkit-box-shadow:4px 4px  
4px 4px #22656E; box-shadow:4px 4px 4px  
4px #22656E }
```

Background

The CSS property to change the background color of an element to Hex 22656E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22656E }
```

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

```
.background{ background-color:#22656E }
```

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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