

Converting Colors

Hex(22627A)

Have a look what the booklet for
Hex(22627A) contains.

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Color

Hex(22627A)

Conversions

Conversions Part 1

Format	Color
Hex	22627A
RGB	34, 98, 122
RGB Percent	13%, 38%, 48%
CMY	0.8667, 0.6157, 0.5216
CMYK	0.72, 0.20, 0.00, 0.52
HSL	196°, 56%, 31%
HSV	196°, 72%, 48%
XYZ	8.5402, 10.4806, 19.9852
YIQ	81.6000, -45.8480, -6.1040

Conversions

Conversions Part 2

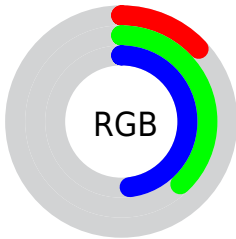
Format	Color
R_{YB}	34, 71, 122
Decimal	2253434
CIE _{Lab}	38.69, -11.79, -19.37
CIE _{LCh}	39, 22.673, 238.664
Yxy	10.4806, 0.2189, 0.2687
Android (android.graphics.Color)	4280443514 (0xFF22627A)
YUV	81.6000, 19.9172, -41.7452
Hunter-Lab	32.3737, -9.5656, -13.9397




Details

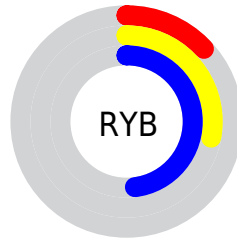
The Hex color **22627A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3A22**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **5B95AE**, and **003449** is the 20% darker color. If you saturate the color by 10%, you get **165F7A**, and if you desaturate by 10%, it is **2E657A**.

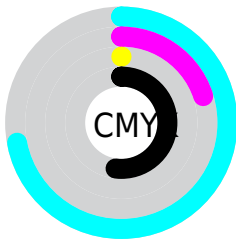
Distribution







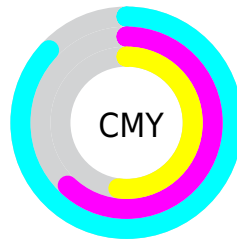
-  Red (13%)
-  Green (38%)
-  Blue (48%)






-  Red (13%)
-  Yellow (28%)
-  Blue (48%)



-  Cyan (72%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (87%)
-  Magenta (62%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22627A 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 22627A by changing the saturation by 10% instead.

■ 22627A

■ 22627A

FFFFFF

■ 004A61

■ 5B95AE

■ 003449

■ 76AFCA

■ 001F33

■ 91CBE6

■ 00021E

■ ADE7FF

■ 000000

■ CAFFFF

■ E7FFFF

■ 22627A

■ 22627A

■ 165F7A

■ 2E657A

■ 0A5B7A

■ 3A697A

■ 00597A

■ 476C7A

■ 536F7A

■ 5F737A

■ 6B767A

■ 77797A

■ 847D7A

■ 90807A

Harmonies

Analogous

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



15656C



22627A



405D80

Triad

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



22627A



7D4D5D



555F3A

Complementary

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



22627A



7A3A22

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.



685A36



22627A



7F4E4A

Square

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



22627A



72506E



77533C



3F6347

Rectangle

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



22627A



53597E



77533C



5C5E38

Sweetspot

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



22627A



7B959E



227A39



3A494F



CFCFCF



4F4F4F

Same Dimension

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



22627A



15799E



22377A



373C3D



005B7D



00B8FC

Inverse Universe

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



7A2262



9E1579



7A6522



3D373C



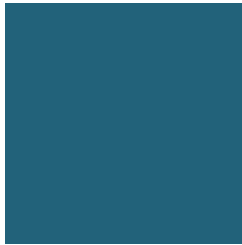
7D005B



FC00B8

Previews

White Background



This preview shows how the Hex color 22627A looks on a white background.

Color Contrast Check

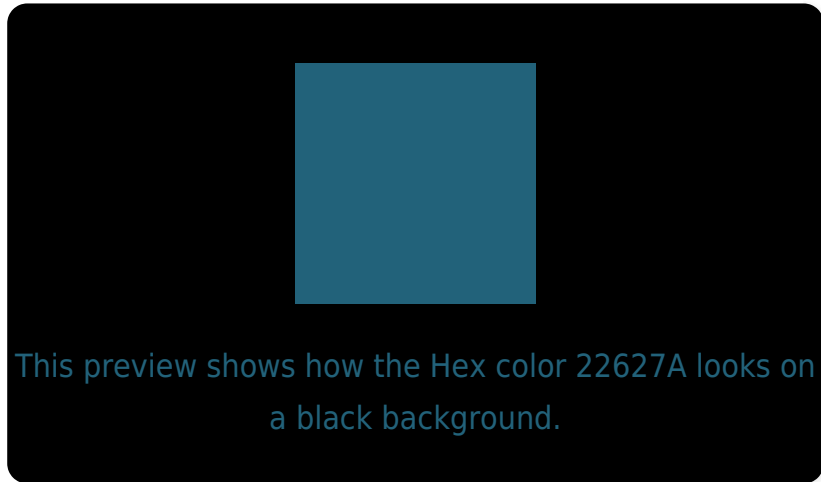
Large Text (above 18pt) WCAG AA ✓ Pass

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

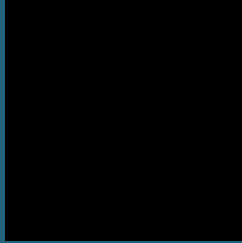
Any Text WCAG AA × Fail

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 22627A Background



This preview shows how black text looks on a background with the Hex color 22627A.

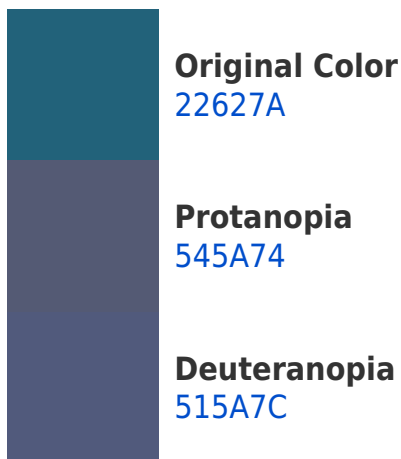



This preview shows how white text looks on a background with the Hex color 22627A.

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](#).

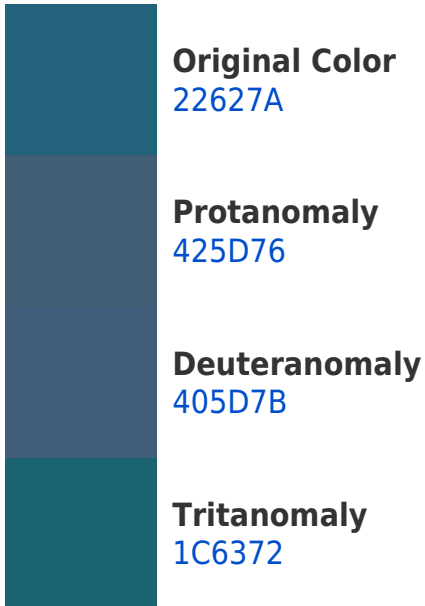
Dichromacy





Tritanopia
18646D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22627A 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 #22627A looks like.

```
.text, #text, p{  
    color:#22627A  
}
```

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 #22627A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22627A
}
```

Border

The CSS property to change the border of an element to Hex 22627A 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
#22627A }
```

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

```
.border{ border-color:#22627A }
```

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

Here you see how a box with a 4 pixel #22627A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22627A; -webkit-box-shadow:4px 4px  
4px 4px #22627A; box-shadow:4px 4px 4px  
4px #22627A }
```

Background

The CSS property to change the background color of an element to Hex 22627A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22627A }
```

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

```
.background{ background-color:#22627A }
```

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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