

Converting Colors

Hex(225672)

Have a look what the booklet for
Hex(225672) contains.

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Color

Hex(225672)

Conversions

Conversions Part 1

Format	Color
Hex	225672
RGB	34, 86, 114
RGB Percent	13%, 34%, 45%
CMY	0.8667, 0.6627, 0.5529
CMYK	0.70, 0.25, 0.00, 0.55
HSL	201°, 54%, 29%
HSV	201°, 70%, 45%
XYZ	7.0247, 8.2106, 17.1341
YIQ	73.6440, -39.9800, -2.3160

Conversions

Conversions Part 2

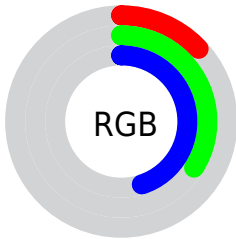
Format	Color
RYB	34, 66, 114
Decimal	2250354
CIELab	34.42, -7.49, -21.05
CIELCh	34, 22.342, 250.420
Yxy	8.2106, 0.2170, 0.2537
Android (android.graphics.Color)	4280440434 (0xFF225672)
YUV	73.6440, 19.8955, -34.7678
Hunter-Lab	28.6541, -6.3842, -15.3955

Details

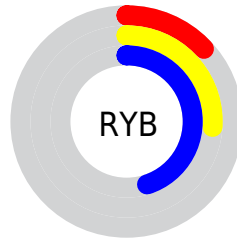
The Hex color **225672** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **723E22**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5988A6**, and **002942** is the 20% darker color. If you saturate the color by 10%, you get **175272**, and if you desaturate by 10%, it is **2D5A72**.

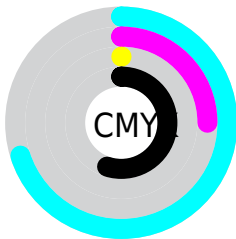
Distribution



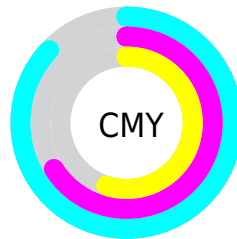
- Red (13%)
- Green (34%)
- Blue (45%)



- Red (13%)
- Yellow (26%)
- Blue (45%)



- Cyan (70%)
- Magenta (25%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225672 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 225672 by changing the saturation by 10% instead.

■ 225672

■ 225672

FFFFFF

■ 003F59

■ 5988A6

■ 002942

■ 73A2C1

■ 00152C

■ 8EBDDD

■ 000117

■ AAD9FA

■ 000000

■ C6F5FF

■ E3FFFF

■ 225672

■ 225672

■ 175272

■ 2D5A72

■ 0B4E72

■ 395E72

■ 004A72

■ 446272

■ 506672

■ 5B6A72

■ 666E72

■ 727272

■ 7D7672

■ 897A72

Harmonies

Analogous

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



035967



225672



415174

Triad

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



225672



73434B



435735

Complementary

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



225672



723E22

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.



57522E



225672



71463B

Square

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



225672



6C455D



674C30



2D5A44

Rectangle

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



225672



534C70



674C30



4A5532

Sweetspot

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



225672



758994



22723E



37434A



C9C9C9



4A4A4A

Same Dimension

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



225672



186894



222F72



323638



004E78



00A1F7

Inverse Universe

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



722256



941868



726622



383236



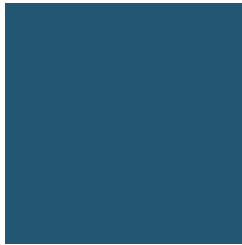
78004E



F700A1

Previews

White Background



This preview shows how the Hex color 225672 looks on a white background.

Color Contrast Check

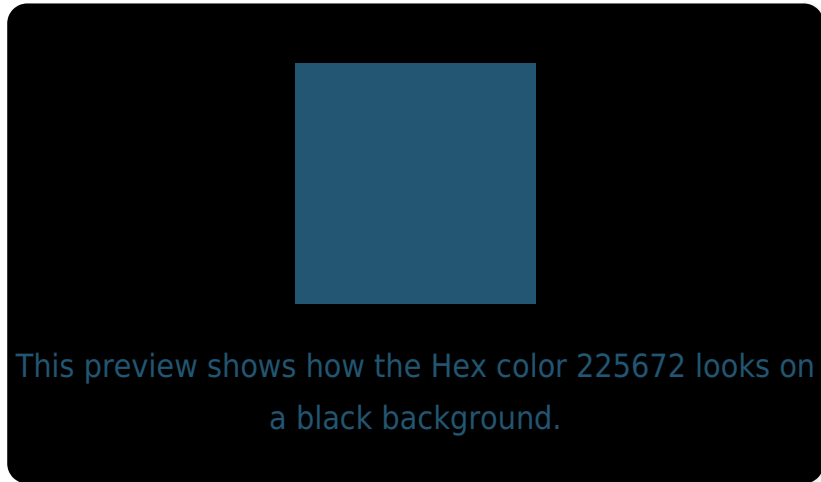
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

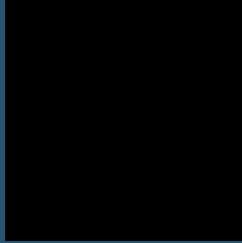
Any Text WCAG AA × Fail

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 225672 Background



This preview shows how black text looks on a background with the Hex color 225672.

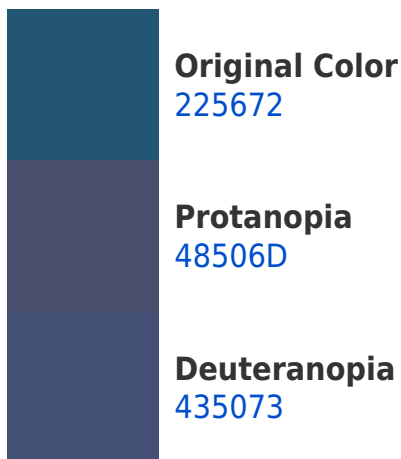


This preview shows how white text looks on a background with the Hex color 225672.

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](#).

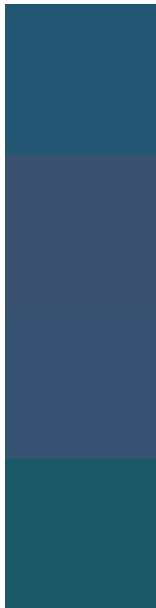
Dichromacy





Tritanopia
155960

Trichromacy



Original Color
225672

Protanomaly
3A526F

Deuteranomaly
375273

Tritanomaly
1A5867

Monochromacy



Original Color
225672

Achromatopsia
4A4A4A

Achromatomaly
3B4E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 225672 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 #225672 looks like.

```
.text, #text, p{  
    color:#225672  
}
```

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 #225672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225672
}
```

Border

The CSS property to change the border of an element to Hex 225672 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
#225672 }
```

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

```
.border{ border-color:#225672 }
```

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

Here you see how a box with a 4 pixel #225672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225672; -webkit-box-shadow:4px 4px  
4px 4px #225672; box-shadow:4px 4px 4px  
4px #225672 }
```

Background

The CSS property to change the background color of an element to Hex 225672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225672 }
```

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

```
.background{ background-color:#225672 }
```

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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