

Converting Colors

Hex(225A5F)

Have a look what the booklet for
Hex(225A5F) contains.

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Color

Hex(225A5F)

Conversions

Conversions Part 1

Format	Color
Hex	225A5F
RGB	34, 90, 95
RGB Percent	13%, 35%, 37%
CMY	0.8667, 0.6471, 0.6275
CMYK	0.64, 0.05, 0.00, 0.63
HSL	185°, 47%, 25%
HSV	185°, 64%, 37%
XYZ	6.3814, 8.4786, 12.1267
YIQ	73.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

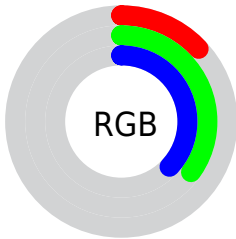
Format	Color
R_{YB}	34, 63, 95
Decimal	2251359
CIE _{Lab}	34.96, -16.44, -8.36
CIE _{LCh}	35, 18.444, 206.963
Yxy	8.4786, 0.2365, 0.3142
Android (android.graphics.Color)	4280441439 (0xFF225A5F)
YUV	73.8260, 10.4388, -34.9274
Hunter-Lab	29.1181, -11.8373, -4.3096




Details

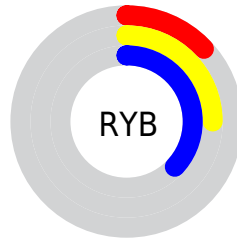
The Hex color **225A5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2722**, and the grayscale version is **4A4A4A**.




A 20% lighter version of the original color is **568C91**, and **002C31** is the 20% darker color. If you saturate the color by 10%, you get **18595F**, and if you desaturate by 10%, it is **2C5B5F**.

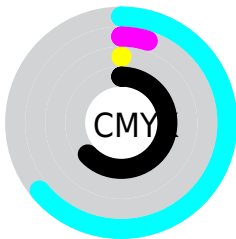
Distribution







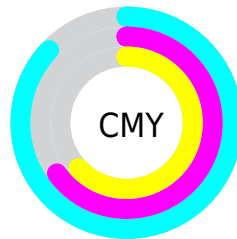
-  Red (13%)
-  Green (35%)
-  Blue (37%)






-  Red (13%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (64%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225A5F 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 225A5F by changing the saturation by 10% instead.



225A5F



225A5F

FFFFFF



004247



568C91



002C31



71A7AC



00191C



8BC2C7



000000



A6DEE3



C2FBFF



DFFFFF



FCFFFF



225A5F



225A5F

■ 18595F

■ 2C5B5F

■ 0F585F

■ 355C5F

■ 05585F

■ 3F5C5F

■ 00575F

■ 485D5F

■ 525E5F

■ 5B5F5F

■ 655F5F

■ 6E605F

■ 78615F

Harmonies

Analogous

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



2D5A50



225A5F



29586A

Triad

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



225A5F



644A62



5E5135

Complementary

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



225A5F



5F2722

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.



694C3A



225A5F



6E4754

Square

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



225A5F



524F6C



6F4846



4F5538

Rectangle

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



225A5F



35566F



6F4846



624F36

Sweetspot

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



225A5F



63787A



225F26



2F3C3D



BDBDBD



3D3D3D

Same Dimension

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



225A5F



1C737A



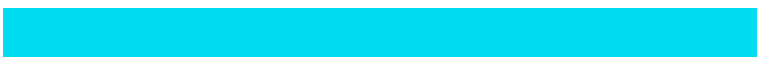
223C5F



2C3030



006770



00DCF0

Inverse Universe

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



5F225A



7A1C73



5F4522



302C30



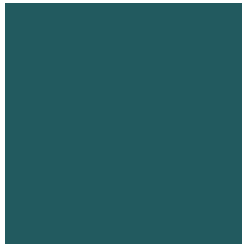
700067



F000DC

Previews

White Background



This preview shows how the Hex color 225A5F looks on a white background.

Color Contrast Check

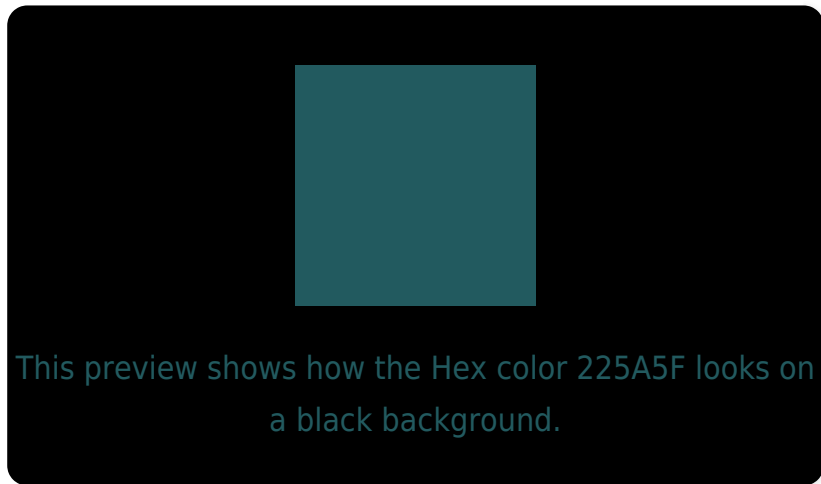
Large Text (above 18pt) WCAG AA ✓ Pass

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

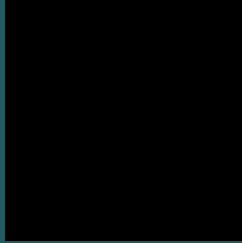
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

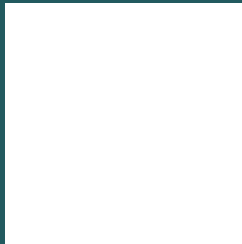
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 225A5F Background



This preview shows how black text looks on a background with the Hex color 225A5F.

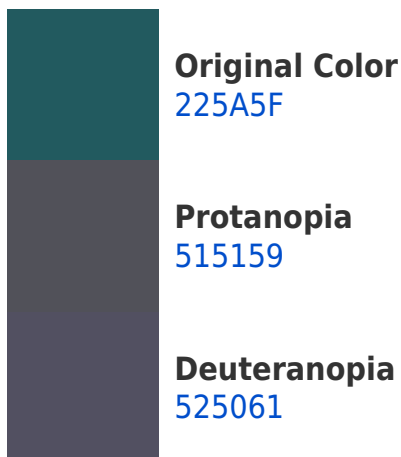



This preview shows how white text looks on a background with the Hex color 225A5F.

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](#).

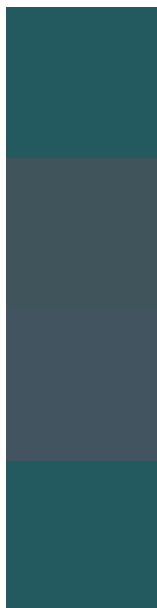
Dichromacy





Tritanopia
235A61

Trichromacy



Original Color

225A5F

Protanomaly

40545B

Deuteranomaly

415460

Tritanomaly

235A60

Monochromacy



Original Color

225A5F

Achromatopsia

4A4A4A

Achromatomaly

3B5052

CSS Examples

Text

The CSS property to change the color of the text to Hex 225A5F 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 #225A5F looks like.

```
.text, #text, p{  
    color:#225A5F  
}
```

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 #225A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225A5F
}
```

Border

The CSS property to change the border of an element to Hex 225A5F 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
#225A5F }
```

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

```
.border{ border-color:#225A5F }
```

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

Here you see how a box with a 4 pixel #225A5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225A5F; -webkit-box-shadow:4px 4px  
4px 4px #225A5F; box-shadow:4px 4px 4px  
4px #225A5F }
```

Background

The CSS property to change the background color of an element to Hex 225A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225A5F }
```

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

```
.background{ background-color:#225A5F }
```

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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