

Converting Colors

Hex(635A82)

Have a look what the booklet for
Hex(635A82) contains.

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Color

Hex(635A82)

Conversions

Conversions Part 1

Format	Color
Hex	635A82
RGB	99, 90, 130
RGB Percent	39%, 35%, 51%
CMY	0.6118, 0.6471, 0.4902
CMYK	0.24, 0.31, 0.00, 0.49
HSL	253°, 18%, 43%
HSV	253°, 31%, 51%
XYZ	12.8310, 11.5767, 22.6773
YIQ	97.2510, -7.4760, 14.3480

Conversions

Conversions Part 2

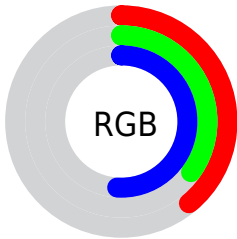
Format	Color
R_{YB}	99, 90, 130
Decimal	6511234
CIE _{Lab}	40.54, 12.81, -21.08
CIE _{LCh}	41, 24.663, 301.286
Yxy	11.5767, 0.2725, 0.2459
Android (android.graphics.Color)	4284701314 (0xFF635A82)
YUV	97.2510, 16.1453, 1.5339
Hunter-Lab	34.0245, 7.7714, -15.6996

Details

The Hex color **635A82** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **79825A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **968CB7**, and **332C50** is the 20% darker color. If you saturate the color by 10%, you get **594D82**, and if you desaturate by 10%, it is **6D6782**.

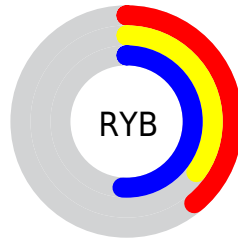
Distribution



Red (39%)

Green (35%)

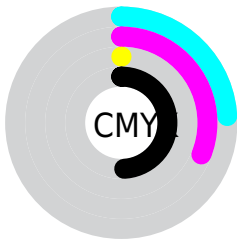
Blue (51%)



Red (39%)

Yellow (35%)

Blue (51%)

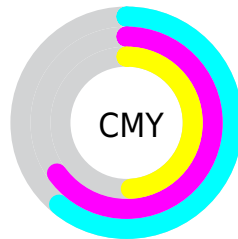


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635A82 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 635A82 by changing the saturation by 10% instead.



635A82



635A82

FFFFFF



4B4369



968CB7



332C50



B1A6D3



1D1839



CDC2EF



090024



E9DEFF



00000C



FFFAFF



000000



635A82



635A82



594D82



6D6782



4F4082



777482

■ 453382

■ 818182

■ 3B2682

■ 8B8E82

■ 311982

■ 959B82

■ 270C82

■ 9FA882

■ 1D0082

■ AAB582

■ B4C282

■ BECF82

Harmonies

Analogous

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



446188



635A82



7A5373

Triad

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



635A82



7D583D



236A60

Complementary

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



635A82



79825A

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.



3F694C



635A82



6C5F37

Square

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



635A82



86524C



57653C



096A74

Rectangle

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



635A82



835066



57653C



2D6A59

Sweetspot

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



635A82



9D99A8



5A7982



4D4B54



D4D4D4



545454

Same Dimension

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



635A82



786AA8



775A82



3B3940



1D0080



000000

Inverse Universe

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



825A79



A86A9A



65825A



40393E



800063



000000

Previews

White Background



This preview shows how the Hex color 635A82 looks on a white background.

Color Contrast Check

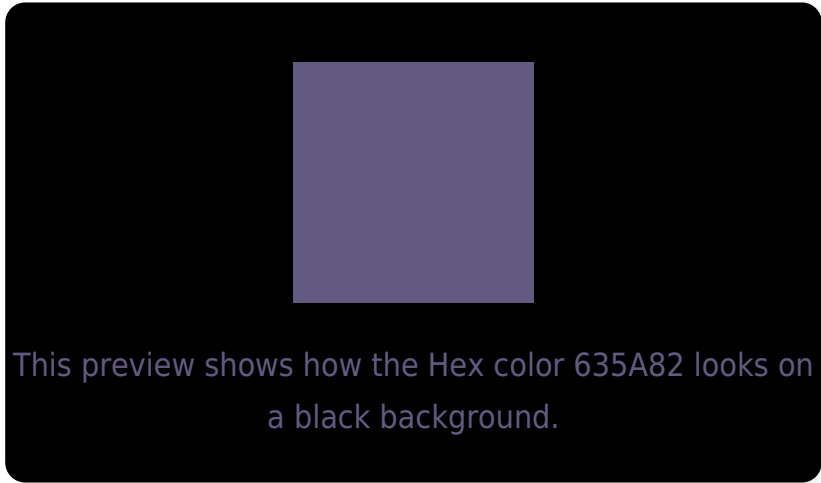
Large Text (above 18pt) WCAG AA ✓ Pass

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

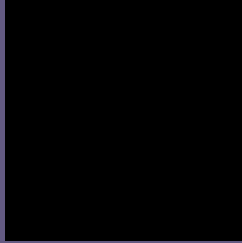
Any Text WCAG AA × Fail

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 635A82 Background



This preview shows how black text looks on a background with the Hex color 635A82.

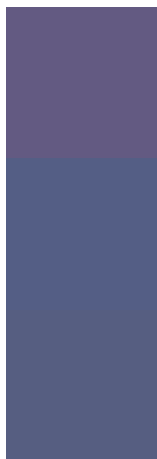


This preview shows how white text looks on a background with the Hex color 635A82.

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
635A82

Protanopia
545E85

Deuteranopia
565E81



Tritanopia
5E5F67

Trichromacy



Original Color

635A82

Protanomaly

595D84

Deuteranomaly

5B5D81

Tritanomaly

605D71

Monochromacy



Original Color

635A82

Achromatopsia

616161

Achromatomaly

625E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 635A82 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 #635A82 looks like.

```
.text, #text, p{  
    color:#635A82  
}
```

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 #635A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635A82
}
```

Border

The CSS property to change the border of an element to Hex 635A82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

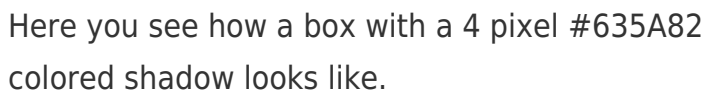
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635A82 }
```

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

```
.border{ border-color:#635A82 }
```

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



Here you see how a box with a 4 pixel #635A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635A82; -webkit-box-shadow:4px 4px  
4px 4px #635A82; box-shadow:4px 4px 4px  
4px #635A82 }
```

Background

The CSS property to change the background color of an element to Hex 635A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635A82 }
```

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

```
.background{ background-color:#635A82 }
```

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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