

Converting Colors

Hex(635E8A)

Have a look what the booklet for
Hex(635E8A) contains.

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Color

Hex(635E8A)

Conversions

Conversions Part 1

Format	Color
Hex	635E8A
RGB	99, 94, 138
RGB Percent	39%, 37%, 54%
CMY	0.6118, 0.6314, 0.4588
CMYK	0.28, 0.32, 0.00, 0.46
HSL	247°, 19%, 45%
HSV	247°, 32%, 54%
XYZ	13.7357, 12.4930, 25.7322
YIQ	100.5110, -11.1440, 14.7440

Conversions

Conversions Part 2

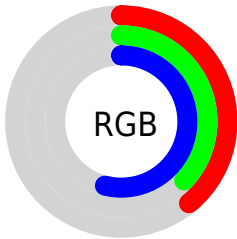
Format	Color
R_{YB}	99, 94, 138
Decimal	6512266
CIE _{Lab}	41.99, 12.43, -23.67
CIE _{LCh}	42, 26.737, 297.710
Yxy	12.4930, 0.2643, 0.2404
Android (android.graphics.Color)	4284702346 (0xFF635E8A)
YUV	100.5110, 18.4821, -1.3251
Hunter-Lab	35.3455, 7.5129, -18.4224

Details

The Hex color **635E8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **858A5E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9790C0**, and **333058** is the 20% darker color. If you saturate the color by 10%, you get **57508A**, and if you desaturate by 10%, it is **6F6C8A**.

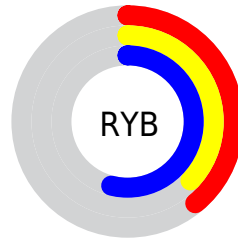
Distribution



Red (39%)

Green (37%)

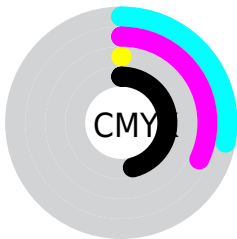
Blue (54%)



Red (39%)

Yellow (37%)

Blue (54%)

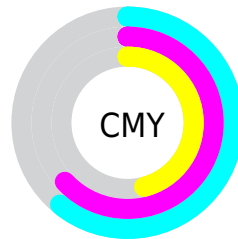


Cyan (28%)

Magenta (32%)

Yellow (0%)

Black (46%)



Cyan (61%)

Magenta (63%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635E8A 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 635E8A by changing the saturation by 10% instead.



635E8A



635E8A

FFFFFF



4A4670



9790C0



333058



B2ABDC



1B1B40



CEC6F8



07002A



EAE2FF



000115



000000



635E8A



635E8A



57508A



6F6C8A



4B428A



7B7A8A

■ 3E358A

■ 88878A

■ 32278A

■ 94958A

■ 26198A

■ A0A38A

■ 1A0B8A

■ ACB18A

■ 10008A

■ B9BF8A

■ C5CC8A

■ D1DA8A

Harmonies

Analogous

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



3F668F



635E8A



7D567B

Triad

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



635E8A



84593F



236F61

Complementary

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



635E8A



858A5E

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.



426C4B



635E8A



736137

Square

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



635E8A



8D5350



5C683B



006E77

Rectangle

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



635E8A



88536D



5C683B



2E6E59

Sweetspot

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



635E8A



A3A1B3



5E868A



504F59



D9D9D9



595959

Same Dimension

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



635E8A



766FB3



785E8A



3F3E45



0F0085



010005

Inverse Universe

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



8A5E85



B36FAB



708A5E



453E44



850076



050005

Previews

White Background



This preview shows how the Hex color 635E8A 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

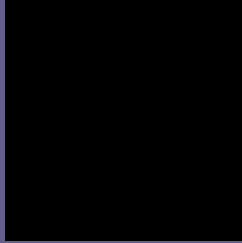
Any Text WCAG AA × Fail

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 635E8A Background



This preview shows how black text looks on a background with the Hex color 635E8A.



This preview shows how white text looks on a background with the Hex color 635E8A.

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](#).

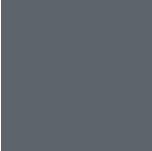
Dichromacy



Original Color
635E8A

Protanopia
55628D

Deuteranopia
576289



Tritanopia
5D646C

Trichromacy



Original Color
635E8A

Protanomaly
5A618C

Deuteranomaly
5B6189

Tritanomaly
5F6277

Monochromacy



Original Color
635E8A

Achromatopsia
656565

Achromatomaly
646272

CSS Examples

Text

The CSS property to change the color of the text to Hex 635E8A 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 #635E8A looks like.

```
.text, #text, p{  
    color:#635E8A  
}
```

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 #635E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635E8A
}
```

Border

The CSS property to change the border of an element to Hex 635E8A 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
#635E8A }
```

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

```
.border{ border-color:#635E8A }
```

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

Here you see how a box with a 4 pixel #635E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635E8A; -webkit-box-shadow:4px 4px  
4px 4px #635E8A; box-shadow:4px 4px 4px  
4px #635E8A }
```

Background

The CSS property to change the background color of an element to Hex 635E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635E8A }
```

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

```
.background{ background-color:#635E8A }
```

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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