

Converting Colors

Hex(644E6E)

Have a look what the booklet for
Hex(644E6E) contains.

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Color

Hex(644E6E)

Conversions

Conversions Part 1

Format	Color
Hex	644E6E
RGB	100, 78, 110
RGB Percent	39%, 31%, 43%
CMY	0.6078, 0.6941, 0.5686
CMYK	0.09, 0.29, 0.00, 0.57
HSL	281°, 17%, 37%
HSV	281°, 29%, 43%
XYZ	10.7944, 9.2839, 15.9749
YIQ	88.2260, 2.8400, 14.6160

Conversions

Conversions Part 2

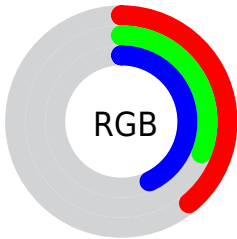
Format	Color
R_{YB}	100, 78, 110
Decimal	6573678
CIE _{Lab}	36.53, 15.73, -14.92
CIE _{LCh}	37, 21.685, 316.511
Yxy	9.2839, 0.2994, 0.2575
Android (android.graphics.Color)	4284763758 (0xFF644E6E)
YUV	88.2260, 10.7346, 10.3258
Hunter-Lab	30.4695, 9.9154, -9.7566

Details

The Hex color **644E6E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **586E4E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **977FA2**, and **35213E** is the 20% darker color. If you saturate the color by 10%, you get **61436E**, and if you desaturate by 10%, it is **67596E**.

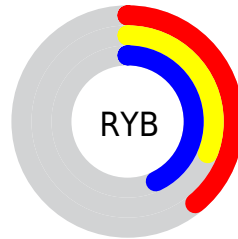
Distribution



Red (39%)

Green (31%)

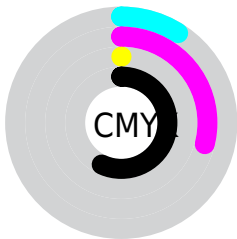
Blue (43%)



Red (39%)

Yellow (31%)

Blue (43%)

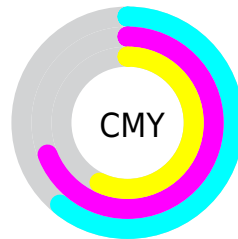


Cyan (9%)

Magenta (29%)

Yellow (0%)

Black (57%)



Cyan (61%)

Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 644E6E 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 644E6E by changing the saturation by 10% instead.

644E6E

644E6E

FFFFFF

4C3756

977FA2

35213E

B299BD

1F0C28

CEB4D9

000013

EAD0F5

000000

FFECFF

644E6E

644E6E

61436E

67596E

5D386E

6B646E

5A2D6E

6E6F6E

56226E

727A6E

53176E

75856E

4F0C6E

79906E

4C016E

7C9B6E

4C006E

80A66E

83B16E

Harmonies

Analogous

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



4D5477



644E6E



73495F

Triad

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



644E6E



695234



1A5F5F

Complementary

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



644E6E



586E4E

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.



2F5F4D



644E6E



585834

Square

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



644E6E



744C3D



445C3D



175E6F

Rectangle

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



644E6E



784853



445C3D



205F59

Sweetspot

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



644E6E



8B828F



4E586E



454047



C7C7C7



474747

Same Dimension

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



644E6E



7F5D8F



6E4E68



363238



520078



AA00F7

Inverse Universe

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



6E4E58



8F5D6C



4E6E54



383234



780025



F7004D

Previews

White Background



This preview shows how the Hex color 644E6E looks on a white background.

Color Contrast Check

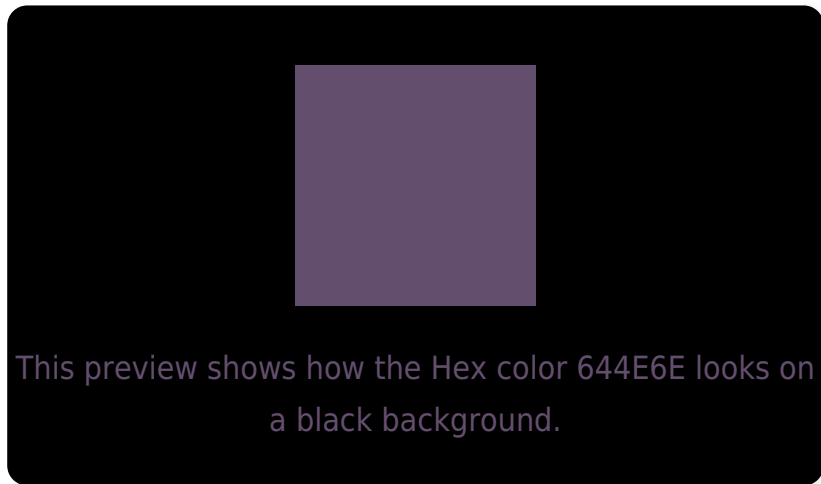
Large Text (above 18pt) WCAG AA ✓ Pass

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

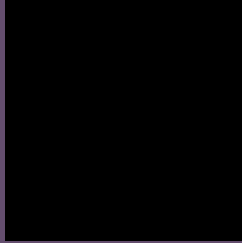
Any Text WCAG AA × Fail

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 644E6E Background



This preview shows how black text looks on a background with the Hex color 644E6E.

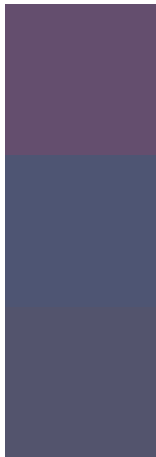


This preview shows how white text looks on a background with the Hex color 644E6E.

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
644E6E

Protanopia
4E5573

Deuteranopia
53546D



Tritanopia
615259

Trichromacy



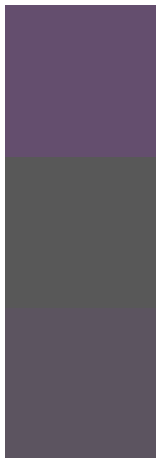
Original Color
644E6E

Protanomaly
565271

Deuteranomaly
59526D

Tritanomaly
625161

Monochromacy



Original Color
644E6E

Achromatopsia
585858

Achromatomaly
5C5460

CSS Examples

Text

The CSS property to change the color of the text to Hex 644E6E 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 #644E6E looks like.

```
.text, #text, p{  
    color:#644E6E  
}
```

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 #644E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #644E6E
}
```

Border

The CSS property to change the border of an element to Hex 644E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

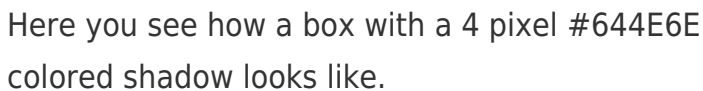
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#644E6E }
```

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

```
.border{ border-color:#644E6E }
```

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



Here you see how a box with a 4 pixel #644E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #644E6E; -webkit-box-shadow:4px 4px  
4px 4px #644E6E; box-shadow:4px 4px 4px  
4px #644E6E }
```

Background

The CSS property to change the background color of an element to Hex 644E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#644E6E }
```

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

```
.background{ background-color:#644E6E }
```

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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