

Converting Colors

Hex(634E72)

Have a look what the booklet for
Hex(634E72) contains.

Hex(634E72)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(634E72)

Conversions

Conversions Part 1

Format	Color
Hex	634E72
RGB	99, 78, 114
RGB Percent	39%, 31%, 45%
CMY	0.6118, 0.6941, 0.5529
CMYK	0.13, 0.32, 0.00, 0.55
HSL	275°, 19%, 38%
HSV	275°, 32%, 45%
XYZ	10.9072, 9.3163, 17.1429
YIQ	88.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

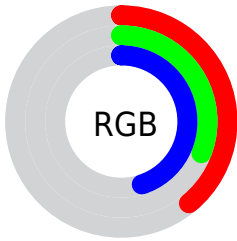
Format	Color
R_{YB}	99, 78, 114
Decimal	6508146
CIE _{Lab}	36.59, 16.31, -17.33
CIE _{LCh}	37, 23.797, 313.265
Yxy	9.3163, 0.2919, 0.2493
Android (android.graphics.Color)	4284698226 (0xFF634E72)
YUV	88.3830, 12.6292, 9.3111
Hunter-Lab	30.5227, 10.3721, -11.9341

Details

The Hex color **634E72** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5D724E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **967FA6**, and **342142** is the 20% darker color. If you saturate the color by 10%, you get **5E4372**, and if you desaturate by 10%, it is **685972**.

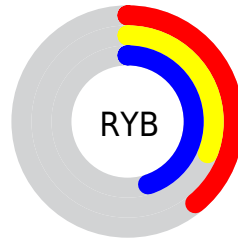
Distribution



 Red (39%)

 Green (31%)

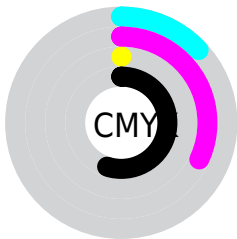
 Blue (45%)



 Red (39%)

 Yellow (31%)

 Blue (45%)

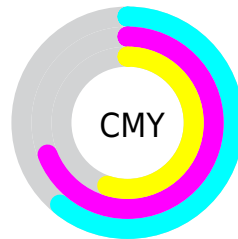


 Cyan (13%)

 Magenta (32%)

 Yellow (0%)

 Black (55%)



 Cyan (61%)

 Magenta (69%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634E72 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 634E72 by changing the saturation by 10% instead.

634E72

634E72

FFFFFF

4B3759

967FA6

342142

B199C1

1E0D2C

CDB4DD

000017

E9D0FA

000000

FFECFF

634E72

634E72

5E4372

685972

5A3772

6D6572

■ 552C72

■ 717072

■ 502072

■ 767C72

■ 4B1572

■ 7B8772

■ 460A72

■ 809272

■ 420072

■ 849E72

■ 89A972

■ 8EB572

Harmonies

Analogous

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



48557B



634E72



754862

Triad

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



634E72



6C5132



0D605E

Complementary

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



634E72



5D724E

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.



2C5F4A



634E72



5A5830

Square

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



634E72



784B3D



455D3A



005F70

Rectangle

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



634E72



7A4755



455D3A



196058

Sweetspot

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



634E72



8E8794



4E5D72



47424A



C9C9C9



4A4A4A

Same Dimension

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



634E72



7C5C94



724E6F



363238



460078



9000F7

Inverse Universe

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



724E5D



945C73



4E7251



383235



780032



F70067

Previews

White Background



This preview shows how the Hex color 634E72 looks on a white background.

Color Contrast Check

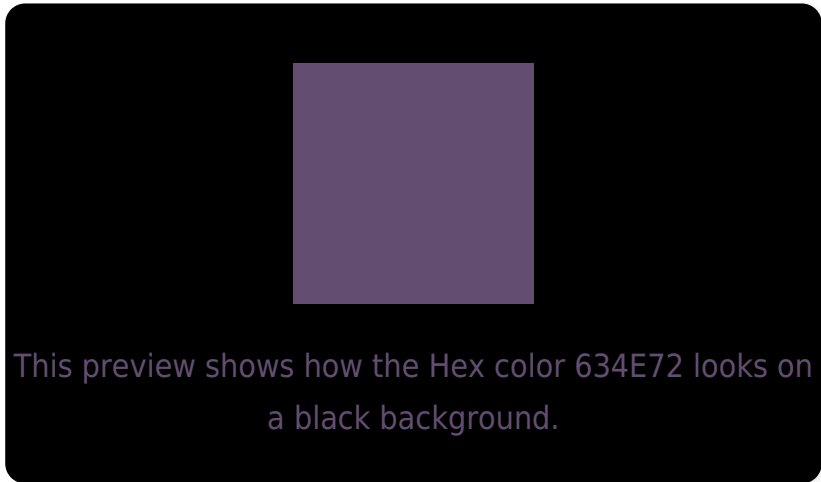
Large Text (above 18pt) WCAG AA ✓ Pass

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

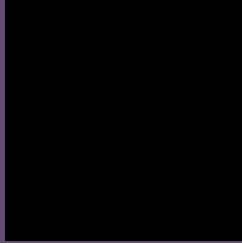
Any Text WCAG AA × Fail

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 634E72 Background



This preview shows how black text looks on a background with the Hex color 634E72.

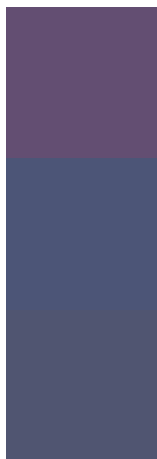


This preview shows how white text looks on a background with the Hex color 634E72.

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
634E72

Protanopia
4C5577

Deuteranopia
505571



Tritanopia
5F5359

Trichromacy



Original Color
634E72

Protanomaly
545275

Deuteranomaly
575271

Tritanomaly
605162

Monochromacy



Original Color
634E72

Achromatopsia
585858

Achromatomaly
5C5461

CSS Examples

Text

The CSS property to change the color of the text to Hex 634E72 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 #634E72 looks like.

```
.text, #text, p{  
    color:#634E72  
}
```

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 #634E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634E72
}
```

Border

The CSS property to change the border of an element to Hex 634E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

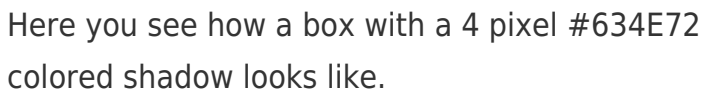
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634E72 }
```

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

```
.border{ border-color:#634E72 }
```

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



Here you see how a box with a 4 pixel #634E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634E72; -webkit-box-shadow:4px 4px  
4px 4px #634E72; box-shadow:4px 4px 4px  
4px #634E72 }
```

Background

The CSS property to change the background color of an element to Hex 634E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634E72 }
```

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

```
.background{ background-color:#634E72 }
```

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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