

Converting Colors

Hex(653E67)

Have a look what the booklet for
Hex(653E67) contains.

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Color

Hex(653E67)

Conversions

Conversions Part 1

Format	Color
Hex	653E67
RGB	101, 62, 103
RGB Percent	40%, 24%, 40%
CMY	0.6039, 0.7569, 0.5961
CMYK	0.02, 0.40, 0.00, 0.60
HSL	297°, 25%, 32%
HSV	297°, 40%, 40%
XYZ	9.5376, 7.1912, 13.7173
YIQ	78.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

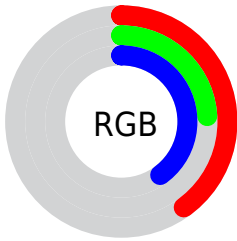
Format	Color
R_{YB}	101, 62, 103
Decimal	6635111
CIE Lab	32.24, 24.42, -17.09
CIE LCh	32, 29.810, 325.015
Yxy	7.1912, 0.3133, 0.2362
Android (android.graphics.Color)	4284825191 (0xFF653E67)
YUV	78.3350, 12.1598, 19.8772
Hunter-Lab	26.8165, 16.5571, -11.5569




Details

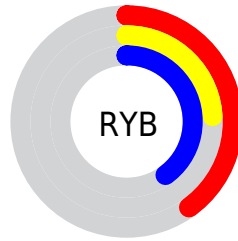
The Hex color **653E67** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40673E**, and the grayscale version is **4E4E4E**.



A 20% lighter version of the original color is **996F9A**, and **351138** is the 20% darker color. If you saturate the color by 10%, you get **643467**, and if you desaturate by 10%, it is **664867**.

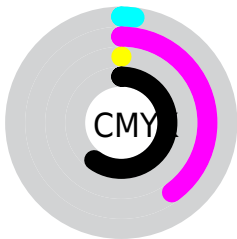
Distribution







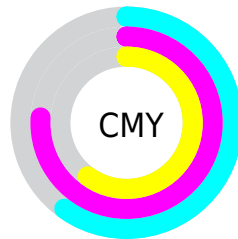
-  Red (40%)
-  Green (24%)
-  Blue (40%)






-  Red (40%)
-  Yellow (24%)
-  Blue (40%)



-  Cyan (2%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (76%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653E67 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 653E67 by changing the saturation by 10% instead.

653E67

653E67

FFFFFF

4C274F

996F9A

351138

B488B5

210023

D0A3D1

000009

ECBEED

000000

FFDAFF

FFF6FF

653E67

653E67

643467

664867

642967

665367

631F67

675D67

631567

676767

620B67

687267

620067

687C67

698667

699067

6A9B67

Harmonies

Analogous

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



474776



653E67



753851

Triad

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



653E67



5D491B



00575F

Complementary

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



653E67



40673E

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.



005747



653E67



46501F

Square

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



653E67



6E4126



295530



005572

Rectangle

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



653E67



783841



295530



005857

Sweetspot

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



653E67



867787



3E4067



443B45



C4C4C4



454545

Same Dimension

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



653E67



844687



673E55



332E33



6D0073



E600F2

Inverse Universe

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



673E40



874649



3E6750



332E2E



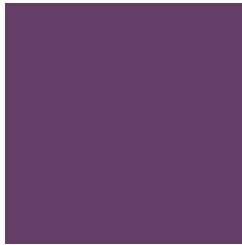
730006



F2000C

Previews

White Background



This preview shows how the Hex color 653E67 looks on a white background.

Color Contrast Check

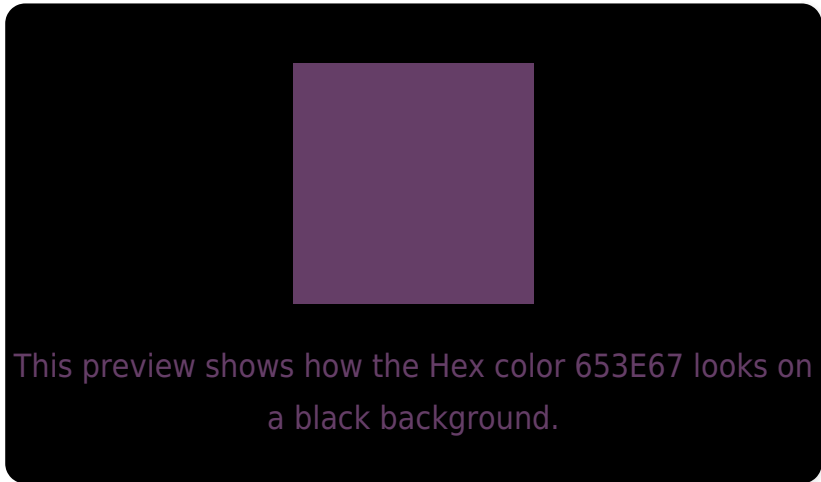
Large Text (above 18pt) WCAG AA ✓ Pass

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

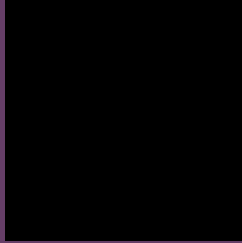
Any Text WCAG AA × Fail

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 653E67 Background



This preview shows how black text looks on a background with the Hex color 653E67.



This preview shows how white text looks on a background with the Hex color 653E67.

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
653E67

Protanopia
3F4B71

Deuteranopia
464B65



Tritanopia
61444A

Trichromacy



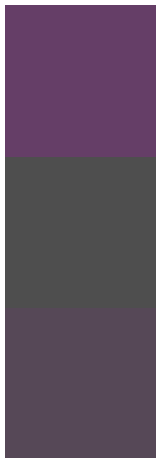
Original Color
653E67

Protanomaly
4D466D

Deuteranomaly
514666

Tritanomaly
624255

Monochromacy



Original Color
653E67

Achromatopsia
4E4E4E

Achromatomaly
564857

CSS Examples

Text

The CSS property to change the color of the text to Hex 653E67 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 #653E67 looks like.

```
.text, #text, p{  
    color:#653E67  
}
```

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 #653E67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653E67
}
```

Border

The CSS property to change the border of an element to Hex 653E67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

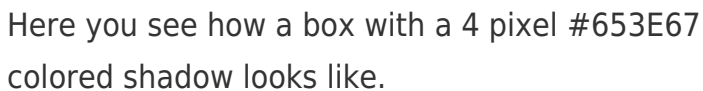
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653E67 }
```

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

```
.border{ border-color:#653E67 }
```

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



Here you see how a box with a 4 pixel #653E67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653E67; -webkit-box-shadow:4px 4px  
4px 4px #653E67; box-shadow:4px 4px 4px  
4px #653E67 }
```

Background

The CSS property to change the background color of an element to Hex 653E67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653E67 }
```

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

```
.background{ background-color:#653E67 }
```

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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