

Converting Colors

Hex(63333E)

Have a look what the booklet for
Hex(63333E) contains.

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Color

Hex(63333E)

Conversions

Conversions Part 1

Format	Color
Hex	63333E
RGB	99, 51, 62
RGB Percent	39%, 20%, 24%
CMY	0.6118, 0.8000, 0.7569
CMYK	0.00, 0.48, 0.37, 0.61
HSL	346°, 32%, 29%
HSV	346°, 48%, 39%
XYZ	7.1989, 5.3681, 5.2142
YIQ	66.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

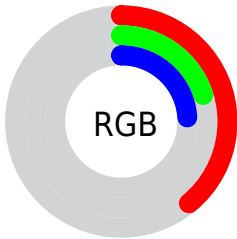
Format	Color
RYB	99, 51, 62
Decimal	6501182
CIELab	27.76, 22.93, 2.82
CIElCh	28, 23.107, 7.005
Yxy	5.3681, 0.4049, 0.3019
Android (android.graphics.Color)	4284691262 (0xFF63333E)
YUV	66.6060, -2.2708, 28.4095
Hunter-Lab	23.1692, 14.9159, 2.8754

Details

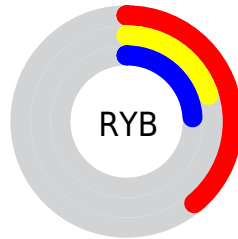
The Hex color **63333E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **336358**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **98636D**, and **320614** is the 20% darker color. If you saturate the color by 10%, you get **632936**, and if you desaturate by 10%, it is **633D46**.

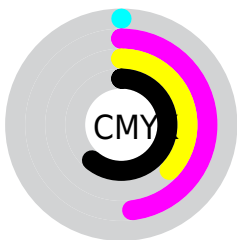
Distribution



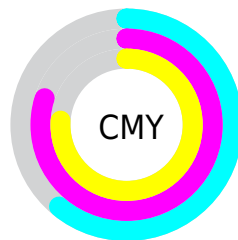
- Red (39%)
- Green (20%)
- Blue (24%)



- Red (39%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (37%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63333E 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 63333E by changing the saturation by 10% instead.

 63333E

 63333E

FFFFFF

 4A1D28

 98636D

 320614

 B37C87

 1A0001

 CF96A1

 000000

 ECB1BC

 FFCDD8

 FFE9F4

 63333E

 63333E

 632936

 633D46

631F2F

63474D

631527

635155

630B1F

635B5D

630218

636564

630017

636E6C

637873

63827B

638C83

Harmonies

Analogous

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



5B3550



63333E



61362D

Triad

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



63333E



364724



004762

Complementary

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



63333E



336358

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.



004A56



63333E



1E4A33

Square

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



63333E



48421D



004B45



2D4265

Rectangle

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



63333E



5C3A24



004B45



00485F

Sweetspot

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



63333E



806C71



583363



403437



BFBFBF



404040

Same Dimension

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



63333E



803646



634033



302C2D



70001A



F00037

Inverse Universe

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



63333E



803646



335663



302C2D



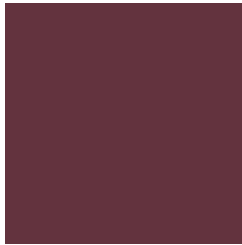
70001A



F00037

Previews

White Background



This preview shows how the Hex color 63333E looks on a white background.

Color Contrast Check

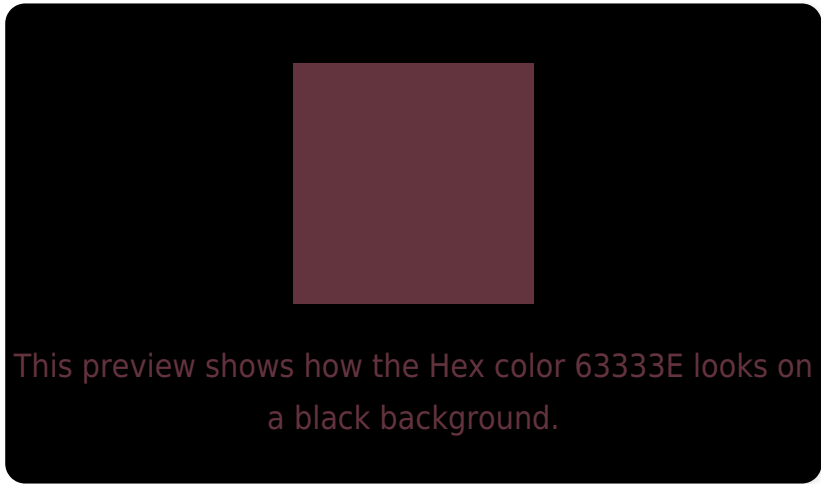
Large Text (above 18pt) WCAG AA ✓ Pass

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

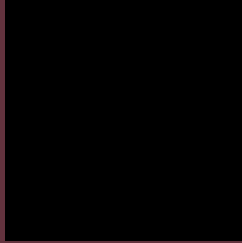
Any Text WCAG AA × Fail

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 63333E Background



This preview shows how black text looks on a background with the Hex color 63333E.



This preview shows how white text looks on a background with the Hex color 63333E.

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
63333E

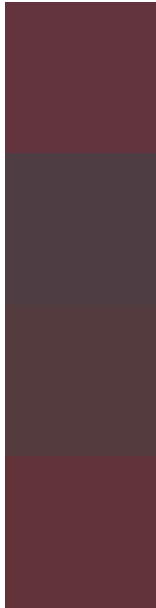
Protanopia
424246

Deuteranopia
4B403C



Tritanopia
623438

Trichromacy



Original Color
63333E

Protanomaly
4E3D43

Deuteranomaly
543B3D

Tritanomaly
62343A

Monochromacy



Original Color
63333E

Achromatopsia
434343

Achromatomaly
4F3D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 63333E 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 #63333E looks like.

```
.text, #text, p{  
    color:#63333E  
}
```

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 #63333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63333E
}
```

Border

The CSS property to change the border of an element to Hex 63333E is called "border". The border property can be set on classes, ids or directly on the HTML element.

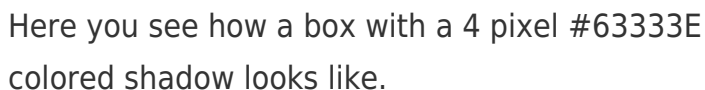
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63333E }
```

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

```
.border{ border-color:#63333E }
```

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



Here you see how a box with a 4 pixel #63333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63333E; -webkit-box-shadow:4px 4px  
4px 4px #63333E; box-shadow:4px 4px 4px  
4px #63333E }
```

Background

The CSS property to change the background color of an element to Hex 63333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63333E }
```

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

```
.background{ background-color:#63333E }
```

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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