

Converting Colors

Hex(64333E)

Have a look what the booklet for
Hex(64333E) contains.

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Color

Hex(64333E)

Conversions

Conversions Part 1

Format	Color
Hex	64333E
RGB	100, 51, 62
RGB Percent	39%, 20%, 24%
CMY	0.6078, 0.8000, 0.7569
CMYK	0.00, 0.49, 0.38, 0.61
HSL	347°, 32%, 30%
HSV	347°, 49%, 39%
XYZ	7.3089, 5.4248, 5.2193
YIQ	66.9050, 25.6730, 13.8090

Conversions

Conversions Part 2

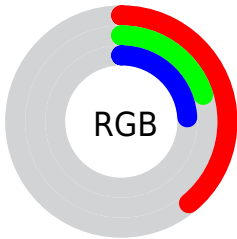
Format	Color
R_{YB}	100, 51, 62
Decimal	6566718
CIE _{Lab}	27.91, 23.34, 3.06
CIE _{LCh}	28, 23.544, 7.465
Yxy	5.4248, 0.4071, 0.3022
Android (android.graphics.Color)	4284756798 (0xFF64333E)
YUV	66.9050, -2.4182, 29.0243
Hunter-Lab	23.2912, 15.2545, 3.0176




Details

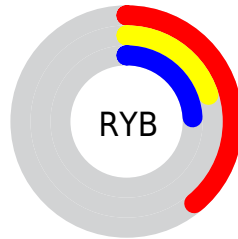
The Hex color **64333E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **336459**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **99636D**, and **330614** is the 20% darker color. If you saturate the color by 10%, you get **642936**, and if you desaturate by 10%, it is **643D46**.

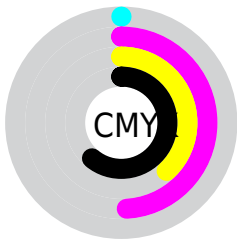
Distribution







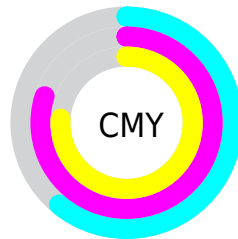
-  Red (39%)
-  Green (20%)
-  Blue (24%)






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



-  Cyan (0%)
-  Magenta (49%)
-  Yellow (38%)
-  Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 64333E 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 64333E by changing the saturation by 10% instead.

64333E

64333E

FFFFFF

4B1C28

99636D

330614

B47C87

1C0001

D096A1

000000

EDB1BC

FFCDD8

FFE9F4

64333E

64333E

642936

643D46

641F2E

64474E

641527

645155

640B1F

645B5D

640117

646565

640016

646F6D

647974

64837C

648D84

Harmonies

Analogous

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



5C3550



64333E



62362D

Triad

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



64333E



354724



004763

Complementary

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



64333E



336459

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.



004A57



64333E



1D4A33

Square

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



64333E



49421D



004B46



2D4266

Rectangle

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



64333E



5C3A24



004B46



004960

Sweetspot

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



64333E



826F73



593364



423639



C2C2C2



424242

Same Dimension

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



64333E



823547



644033



332E2F



73001A



F20036

Inverse Universe

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



64333E



823547



335764



332E2F



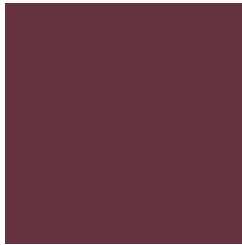
73001A



F20036

Previews

White Background



This preview shows how the Hex color 64333E looks on a white background.

Color Contrast Check

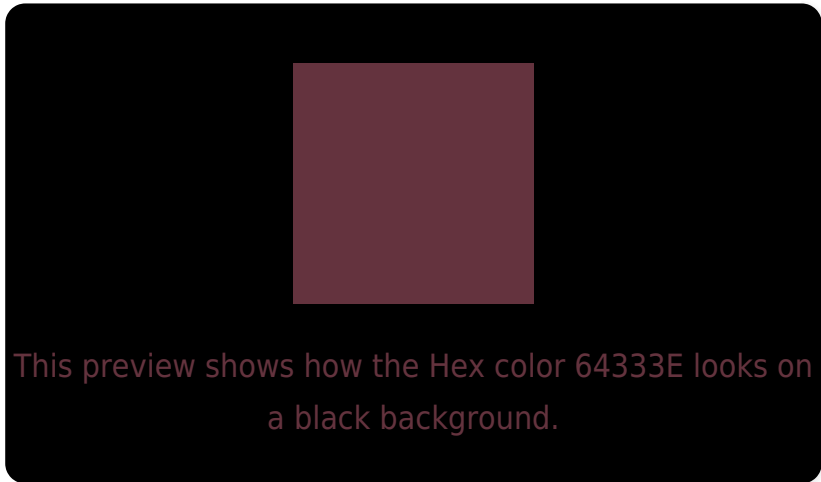
Large Text (above 18pt) WCAG AA ✓ Pass

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

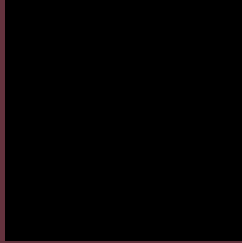
Any Text WCAG AA × Fail

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 64333E Background



This preview shows how black text looks on a background with the Hex color 64333E.



This preview shows how white text looks on a background with the Hex color 64333E.

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
64333E

Protanopia
424247

Deuteranopia
4B403C



Tritanopia
633438

Trichromacy



Original Color
64333E

Protanomaly
4E3D44

Deuteranomaly
543B3D

Tritanomaly
63343A

Monochromacy



Original Color
64333E

Achromatopsia
434343

Achromatomaly
4F3D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 64333E 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 #64333E looks like.

```
.text, #text, p{  
    color:#64333E  
}
```

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 #64333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64333E
}
```

Border

The CSS property to change the border of an element to Hex 64333E is called "border". The border property can be set on classes, ids or directly on the HTML element.

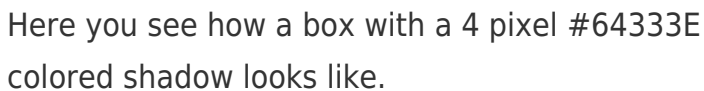
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64333E }
```

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

```
.border{ border-color:#64333E }
```

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



Here you see how a box with a 4 pixel #64333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64333E; -webkit-box-shadow:4px 4px  
4px 4px #64333E; box-shadow:4px 4px 4px  
4px #64333E }
```

Background

The CSS property to change the background color of an element to Hex 64333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64333E }
```

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

```
.background{ background-color:#64333E }
```

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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