

# Converting Colors

Hex(66333E)

Have a look what the booklet for  
Hex(66333E) contains.

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# Color

**Hex(66333E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66333E
RGB	102, 51, 62
RGB Percent	40%, 20%, 24%
CMY	0.6000, 0.8000, 0.7569
CMYK	0.00, 0.50, 0.39, 0.60
HSL	347°, 33%, 30%
HSV	347°, 50%, 40%
XYZ	7.5328, 5.5402, 5.2298
YIQ	67.5030, 26.8650, 14.2330

# Conversions

## Conversions Part 2

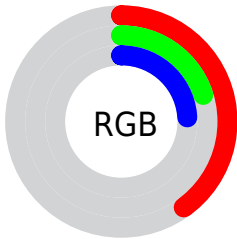
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 51, 62
Decimal	6697790
CIE <sub>Lab</sub>	28.22, 24.16, 3.54
CIE <sub>LCh</sub>	28, 24.420, 8.344
Yxy	5.5402, 0.4116, 0.3027
Android (android.graphics.Color)	4284887870 (0xFF66333E)
YUV	67.5030, -2.7130, 30.2539
Hunter-Lab	23.5377, 15.9347, 3.3029

# Details

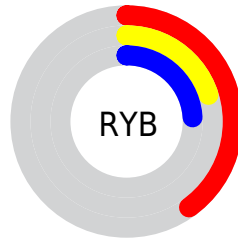
The Hex color **66333E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33665B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9B636D**, and **340614** is the 20% darker color. If you saturate the color by 10%, you get **662936**, and if you desaturate by 10%, it is **663D46**.

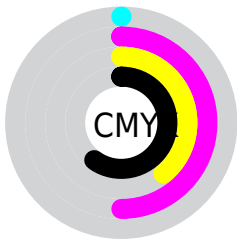
# Distribution



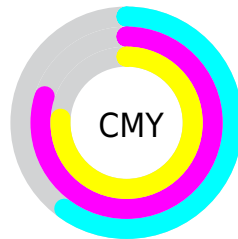
- Red (40%)
- Green (20%)
- Blue (24%)



- Red (40%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66333E 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 66333E by changing the saturation by 10% instead.



 66333E

 66333E

FFFFFF

 4D1C28

 9B636D

 340614

 B67C87

 1E0001

 D396A1

 000000

 EFB1BC

 FFCDD8

 FFE9F4

 66333E

 66333E

 662936

 663D46

 661F2E

 66474E

 661426

 665256

 660A1E

 665C5E

 660016

 666666

 66706E

 667A76

 66857E

 668F86

# Harmonies

## Analogous

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



5E3551



66333E



64362C

# Triad

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



66333E



354824



004865

# Complementary

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



66333E



33665B

# 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.



004B59



66333E



1B4B34

# Square

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



66333E



49431C



004C47



2D4368

# Rectangle

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



66333E



5D3A23



004C47



004A62



# Sweetspot

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



66333E



857175



5B3366



423639



C2C2C2



424242



# Same Dimension

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



66333E



853546



664133



332E2F



730019



F20034



# Inverse Universe

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



66333E



853546



335866



332E2F



730019

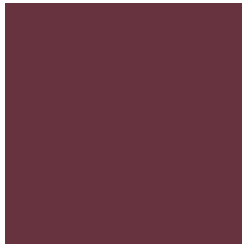


F20034



# Previews

## White Background



This preview shows how the Hex color 66333E looks on a white background.

## Color Contrast Check

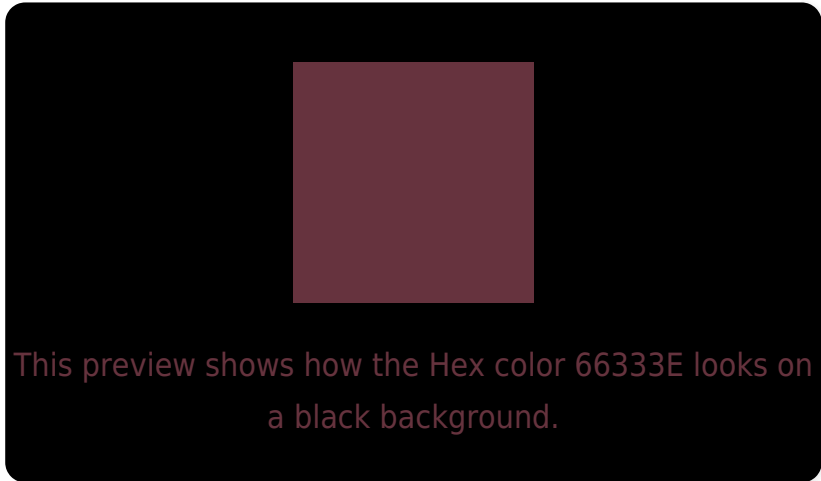
Large Text (above 18pt) WCAG AA ✓ Pass

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

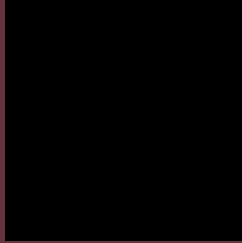
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66333E Background



This preview shows how black text looks on a background with the Hex color 66333E.



This preview shows how white text looks on a background with the Hex color 66333E.

# 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**  
66333E

**Protanopia**  
434347

**Deuteranopia**  
4C413C



**Tritanopia**  
663438

# Trichromacy



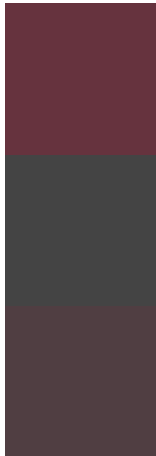
**Original Color**  
66333E

**Protanomaly**  
503D44

**Deuteranomaly**  
553C3D

**Tritanomaly**  
66343A

# Monochromacy



**Original Color**  
66333E

**Achromatopsia**  
444444

**Achromatomaly**  
503E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66333E 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 #66333E looks like.

```
.text, #text, p{  
    color:#66333E  
}
```

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 #66333E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66333E
}
```

## Border

The CSS property to change the border of an element to Hex 66333E is called "border". The border property can be set on classes, ids or directly on the HTML element.

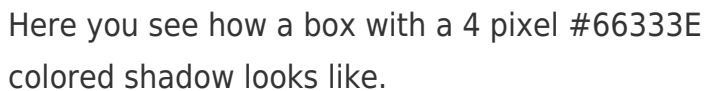
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66333E }
```

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

```
.border{ border-color:#66333E }
```

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



Here you see how a box with a 4 pixel #66333E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66333E; -webkit-box-shadow:4px 4px  
4px 4px #66333E; box-shadow:4px 4px 4px  
4px #66333E }
```

# Background

The CSS property to change the background color of an element to Hex 66333E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66333E }
```

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

```
.background{ background-color:#66333E }
```

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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