

Converting Colors

Hex(66303F)

Have a look what the booklet for
Hex(66303F) contains.

Hex(66303F)	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(66303F)

Conversions

Conversions Part 1

Format	Color
Hex	66303F
RGB	102, 48, 63
RGB Percent	40%, 19%, 25%
CMY	0.6000, 0.8118, 0.7529
CMYK	0.00, 0.53, 0.38, 0.60
HSL	343°, 36%, 29%
HSV	343°, 53%, 40%
XYZ	7.4336, 5.2976, 5.3334
YIQ	65.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

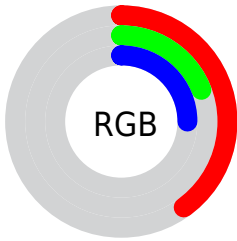
Format	Color
RYB	102, 48, 63
Decimal	6697023
CIELab	27.57, 26.04, 1.94
CIELCh	28, 26.111, 4.254
Yxy	5.2976, 0.4115, 0.2933
Android (android.graphics.Color)	4284887103 (0xFF66303F)
YUV	65.8560, -1.4080, 31.6983
Hunter-Lab	23.0164, 17.3716, 2.3729

Details

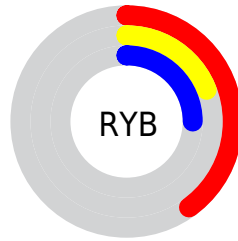
The Hex color **66303F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **306657**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9B606E**, and **340215** is the 20% darker color. If you saturate the color by 10%, you get **662638**, and if you desaturate by 10%, it is **663A46**.

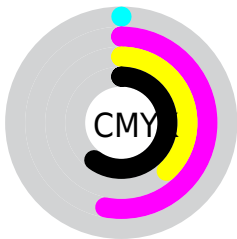
Distribution



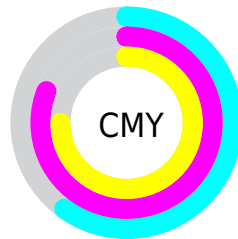
- Red (40%)
- Green (19%)
- Blue (25%)



- Red (40%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66303F 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 66303F by changing the saturation by 10% instead.

 66303F

 66303F

FFFFFF

 4D1929

 9B606E

 340215

 B77988

 1D0001

 D393A2

 000000

 F0AEBD

 FFCAD9

 FFE6F5

 66303F

 66303F

 662638

 663A46

661C30

66444E

661129

664F55

660722

66595C

66001C

666364

666D6B

667773

66827A

668C81

Harmonies

Analogous

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



5C3353



66303F



65332C

Triad

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



66303F



35461F



004865

Complementary

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



66303F



306657

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.



004B57



66303F



1A4A2F

Square

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



66303F



4A4118



004B43



234269

Rectangle

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



66303F



5F3721



004B43



004961

Sweetspot

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



66303F



856F75



573066



423639



C2C2C2



424242

Same Dimension

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



66303F



853047



663C30



332E2F



730020



F20043

Inverse Universe

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



66303F



853047



305A66



332E2F



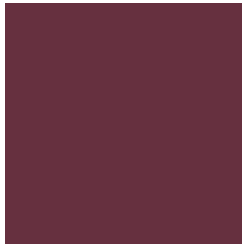
730020



F20043

Previews

White Background



This preview shows how the Hex color 66303F looks on a white background.

Color Contrast Check

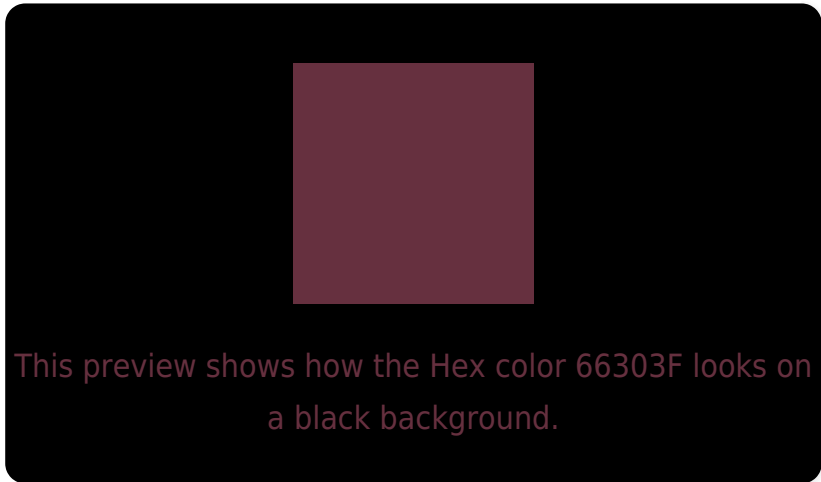
Large Text (above 18pt) WCAG AA ✓ Pass

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

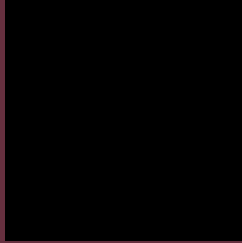
Any Text WCAG AA × Fail

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 66303F Background



This preview shows how black text looks on a background with the Hex color 66303F.



This preview shows how white text looks on a background with the Hex color 66303F.

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
66303F

Protanopia
414149

Deuteranopia
4A3F3D



Tritanopia
653235

Trichromacy



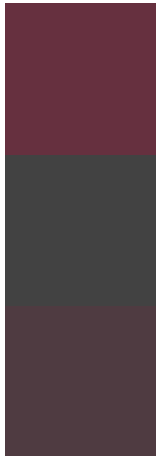
Original Color
66303F

Protanomaly
4E3B45

Deuteranomaly
543A3E

Tritanomaly
653139

Monochromacy



Original Color
66303F

Achromatopsia
424242

Achromatomaly
4F3B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 66303F 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 #66303F looks like.

```
.text, #text, p{  
    color:#66303F  
}
```

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 #66303F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66303F
}
```

Border

The CSS property to change the border of an element to Hex 66303F is called "border". The border property can be set on classes, ids or directly on the HTML element.

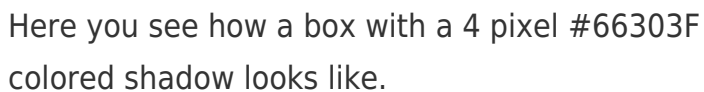
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66303F }
```

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

```
.border{ border-color:#66303F }
```

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



Here you see how a box with a 4 pixel #66303F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66303F; -webkit-box-shadow:4px 4px  
4px 4px #66303F; box-shadow:4px 4px 4px  
4px #66303F }
```

Background

The CSS property to change the background color of an element to Hex 66303F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66303F }
```

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

```
.background{ background-color:#66303F }
```

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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