

Converting Colors

Hex(33405F)

Have a look what the booklet for
Hex(33405F) contains.

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Color

Hex(33405F)

Conversions

Conversions Part 1

Format	Color
Hex	33405F
RGB	51, 64, 95
RGB Percent	20%, 25%, 37%
CMY	0.8000, 0.7490, 0.6275
CMYK	0.46, 0.33, 0.00, 0.63
HSL	222°, 30%, 29%
HSV	222°, 46%, 37%
XYZ	5.2642, 5.1968, 11.5521
YIQ	63.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

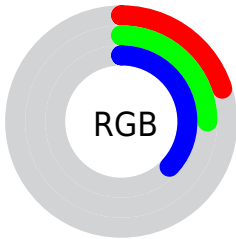
Format	Color
R_{YB}	51, 61, 95
Decimal	3358815
CIE Lab	27.29, 4.00, -20.05
CIE LCh	27, 20.442, 281.293
Yxy	5.1968, 0.2391, 0.2361
Android (android.graphics.Color)	4281548895 (0xFF33405F)
YUV	63.6470, 15.4570, -11.0914
Hunter-Lab	22.7965, 1.3254, -14.0875

Details

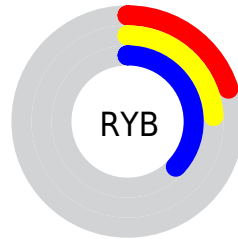
The Hex color **33405F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F5233**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **647092**, and **031631** is the 20% darker color. If you saturate the color by 10%, you get **2A395F**, and if you desaturate by 10%, it is **3D475F**.

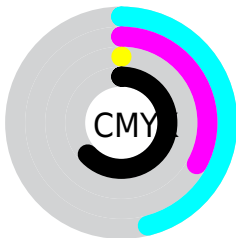
Distribution



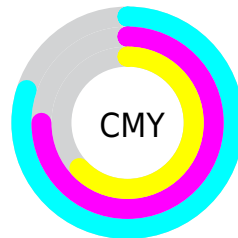
- Red (20%)
- Green (25%)
- Blue (37%)



- Red (20%)
- Yellow (24%)
- Blue (37%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33405F 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 33405F by changing the saturation by 10% instead.

■ 33405F

■ 33405F

FFFFFF

■ 1B2A47

■ 647092

■ 031631

■ 7D89AC

■ 00011C

■ 98A3C8

■ 000000

■ B3BEE4

■ CFDAFF

■ EBF6FF

■ 33405F

■ 33405F

■ 2A395F

■ 3D475F

■ 20335F

■ 464D5F

■ 162C5F

■ 50545F

■ 0D255F

■ 595B5F

■ 031F5F

■ 62615F

■ 001C5F

■ 6C685F

■ 766F5F

■ 7F765F

■ 897C5F

Harmonies

Analogous

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



15455E



33405F



4A3A58

Triad

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



33405F



5C372D



1F4836

Complementary

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



33405F



5F5233

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.



344628



33405F



533C23

Square

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



33405F



5F343B



454121



034946

Rectangle

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



33405F



553750



454121



274731

Sweetspot

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



33405F



696E7A



335F52



33363D



BDBDBD



3D3D3D

Same Dimension

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



33405F



364A7A



3C335F



2C2D30



002170



0047F0

Inverse Universe

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



5F3340



7A364A



565F33



302C2D



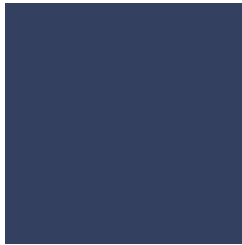
700021



F00047

Previews

White Background



This preview shows how the Hex color 33405F looks on a white background.

Color Contrast Check

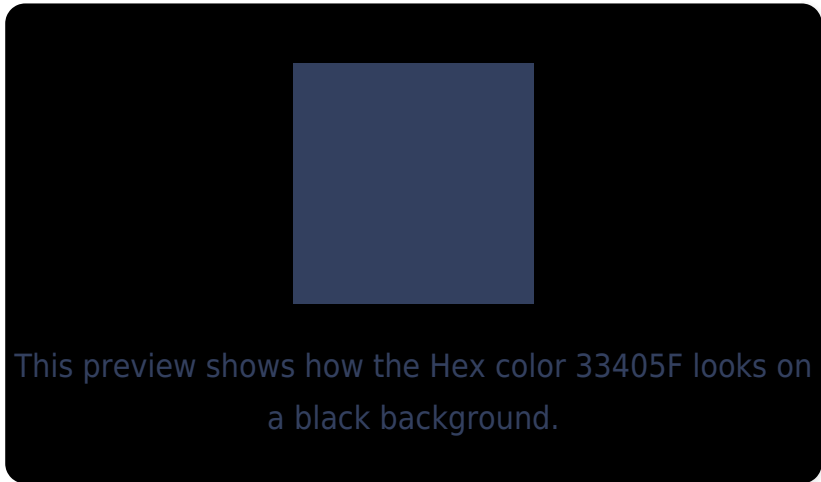
Large Text (above 18pt) WCAG AA ✓ Pass

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

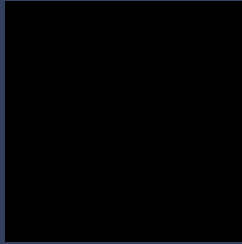
Any Text WCAG AA × Fail

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 33405F Background



This preview shows how black text looks on a background with the Hex color 33405F.



This preview shows how white text looks on a background with the Hex color 33405F.

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
33405F

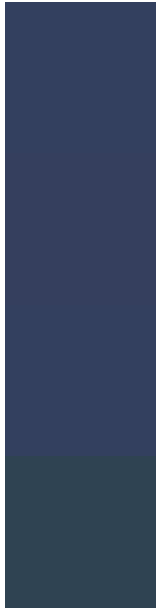
Protanopia
363F5E

Deuteranopia
33405F



Tritanopia
2D444A

Trichromacy



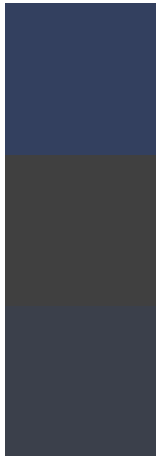
Original Color
33405F

Protanomaly
353F5E

Deuteranomaly
33405F

Tritanomaly
2F4352

Monochromacy



Original Color
33405F

Achromatopsia
404040

Achromatomaly
3B404B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33405F 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 #33405F looks like.

```
.text, #text, p{  
    color:#33405F  
}
```

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 #33405F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33405F
}
```

Border

The CSS property to change the border of an element to Hex 33405F is called "border". The border property can be set on classes, ids or directly on the HTML element.

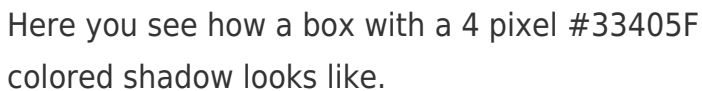
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33405F }
```

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

```
.border{ border-color:#33405F }
```

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



Here you see how a box with a 4 pixel #33405F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33405F; -webkit-box-shadow:4px 4px  
4px 4px #33405F; box-shadow:4px 4px 4px  
4px #33405F }
```

Background

The CSS property to change the background color of an element to Hex 33405F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33405F }
```

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

```
.background{ background-color:#33405F }
```

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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