

Converting Colors

Hex(33496D)

Have a look what the booklet for
Hex(33496D) contains.

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Color

Hex(33496D)

Conversions

Conversions Part 1

Format	Color
Hex	33496D
RGB	51, 73, 109
RGB Percent	20%, 29%, 43%
CMY	0.8000, 0.7137, 0.5725
CMYK	0.53, 0.33, 0.00, 0.57
HSL	217°, 36%, 31%
HSV	217°, 53%, 43%
XYZ	6.5081, 6.5730, 15.3937
YIQ	70.5260, -24.6680, 6.5320

Conversions

Conversions Part 2

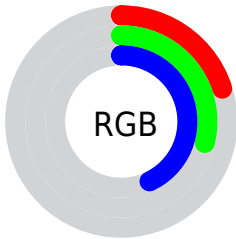
Format	Color
RYB	51, 67, 109
Decimal	3361133
CIELab	30.81, 2.77, -23.48
CIElCh	31, 23.638, 276.725
Yxy	6.5730, 0.2286, 0.2308
Android (android.graphics.Color)	4281551213 (0xFF33496D)
YUV	70.5260, 18.9677, -17.1243
Hunter-Lab	25.6379, 0.4453, -17.6528

Details

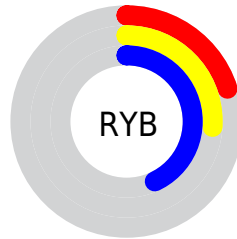
The Hex color **33496D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D5733**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6579A1**, and **001E3D** is the 20% darker color. If you saturate the color by 10%, you get **28426D**, and if you desaturate by 10%, it is **3E506D**.

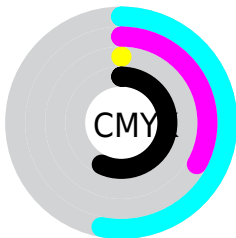
Distribution



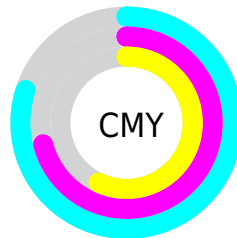
- Red (20%)
- Green (29%)
- Blue (43%)



- Red (20%)
- Yellow (26%)
- Blue (43%)



- Cyan (53%)
- Magenta (33%)
- Yellow (0%)
- Black (57%)



- Cyan (80%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33496D 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 33496D by changing the saturation by 10% instead.

■ 33496D

■ 33496D

FFFFFF

■ 193355

■ 6579A1

■ 001E3D

■ 7F93BC

■ 000327

■ 9AAED8

■ 000111

■ B5C9F4

■ 000000

■ D1E5FF

■ EEEFFF

■ 33496D

■ 33496D

■ 28426D

■ 3E506D

■ 1D3B6D

■ 49576D

■ 12356D

■ 545D6D

■ 072E6D

■ 5F646D

■ 00296D

■ 6A6B6D

■ 74726D

■ 7F786D

■ 8A7F6D

■ 95866D

Harmonies

Analogous

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



054E6A



33496D



504266

Triad

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



33496D



6A3C33



255139

Complementary

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



33496D



6D5733

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.



3C4E2A



33496D



604227

Square

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



33496D



6B3A45



504923



00524C

Rectangle

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



33496D



5E3E5D



504923



2D5034

Sweetspot

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



33496D



78818F



336D57



3A3F47



C7C7C7



474747

Same Dimension

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



33496D



33568F



3A336D



303236



002C75



005DF5

Inverse Universe

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



6D3349



8F3356



666D33



363032



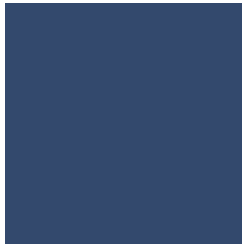
75002C



F5005D

Previews

White Background



This preview shows how the Hex color 33496D looks on a white background.

Color Contrast Check

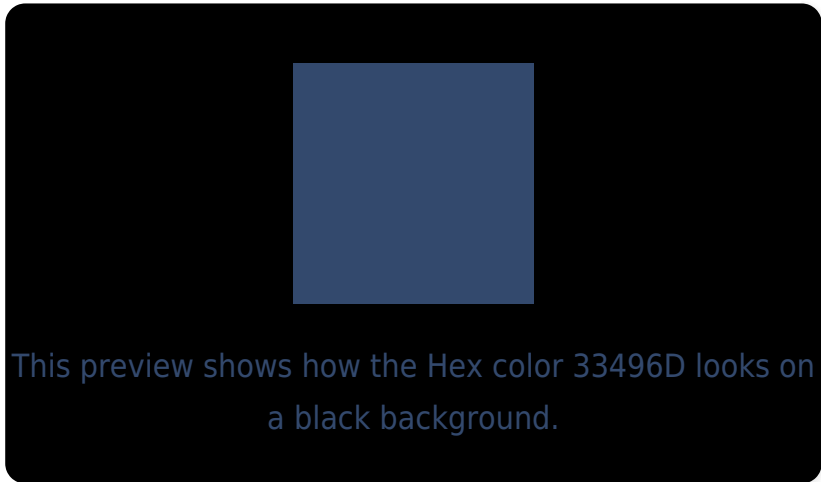
Large Text (above 18pt) WCAG AA ✓ Pass

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 33496D Background



This preview shows how black text looks on a background with the Hex color 33496D.



This preview shows how white text looks on a background with the Hex color 33496D.

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](#).

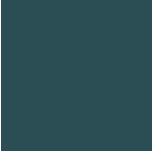
Dichromacy



Original Color
33496D

Protanopia
3C476B

Deuteranopia
37486D



Tritanopia
2A4E54

Trichromacy



Original Color
33496D

Protanomaly
39486C

Deuteranomaly
36486D

Tritanomaly
2D4C5D

Monochromacy



Original Color
33496D

Achromatopsia
474747

Achromatomaly
404855

CSS Examples

Text

The CSS property to change the color of the text to Hex 33496D 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 #33496D looks like.

```
.text, #text, p{  
    color:#33496D  
}
```

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 #33496D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33496D
}
```

Border

The CSS property to change the border of an element to Hex 33496D 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
#33496D }
```

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

```
.border{ border-color:#33496D }
```

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

Here you see how a box with a 4 pixel #33496D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33496D; -webkit-box-shadow:4px 4px  
4px 4px #33496D; box-shadow:4px 4px 4px  
4px #33496D }
```

Background

The CSS property to change the background color of an element to Hex 33496D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33496D }
```

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

```
.background{ background-color:#33496D }
```

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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