

Converting Colors

Hex(33384D)

Have a look what the booklet for
Hex(33384D) contains.

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Color

Hex(33384D)

Conversions

Conversions Part 1

Format	Color
Hex	33384D
RGB	51, 56, 77
RGB Percent	20%, 22%, 30%
CMY	0.8000, 0.7804, 0.6980
CMYK	0.34, 0.27, 0.00, 0.70
HSL	228°, 20%, 25%
HSV	228°, 34%, 30%
XYZ	4.1190, 4.0680, 7.5893
YIQ	56.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

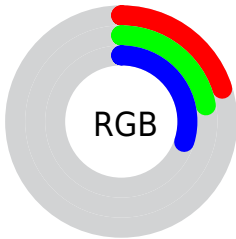
Format	Color
RYB	51, 55, 77
Decimal	3356749
CIELab	23.89, 3.66, -13.52
CIELCh	24, 14.012, 285.160
Yxy	4.0680, 0.2611, 0.2579
Android (android.graphics.Color)	4281546829 (0xFF33384D)
YUV	56.8990, 9.9098, -5.1734
Hunter-Lab	20.1692, 1.1572, -8.1912

Details

The Hex color **33384D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D4833**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **62677E**, and **070D21** is the 20% darker color. If you saturate the color by 10%, you get **2B324D**, and if you desaturate by 10%, it is **3B3E4D**.

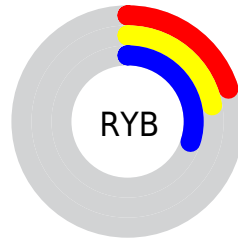
Distribution



 Red (20%)

 Green (22%)

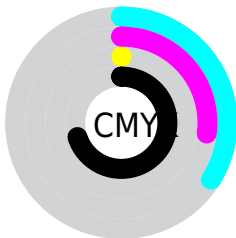
 Blue (30%)



 Red (20%)

 Yellow (22%)

 Blue (30%)

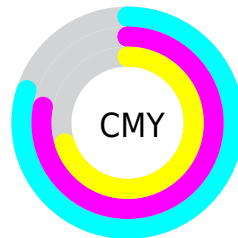


 Cyan (34%)

 Magenta (27%)

 Yellow (0%)

 Black (70%)



 Cyan (80%)

 Magenta (78%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33384D 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 33384D by changing the saturation by 10% instead.



33384D



33384D

FFFFFF



1D2336



62677E



070D21



7B8098



000007



959AB3



000000



B0B4CE



CCD0EA



E8ECFF



33384D



33384D



2B324D



3B3E4D

■ 242C4D

■ 42444D

■ 1C254D

■ 4A4B4D

■ 141F4D

■ 52514D

■ 0D194D

■ 5A574D

■ 05134D

■ 615D4D

■ 000F4D

■ 69644D

■ 716A4D

■ 78704D

Harmonies

Analogous

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



233B4D



33384D



413448

Triad

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



33384D



4C332A



233E33

Complementary

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



33384D



4D4833

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.



2F3D2A



33384D



453625

Square

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



33384D



4E3134



3B3A24



193F3E

Rectangle

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



33384D



483242



3B3A24



273E30

Sweetspot

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



33384D



5A5B63



334D48



2D2E33



B3B3B3



333333

Same Dimension

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



33384D



3B4363



3B334D



222326



001466



002CE6

Inverse Universe

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



4D3338



633B43



454D33



262223



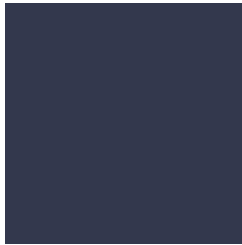
660014



E6002C

Previews

White Background



This preview shows how the Hex color 33384D looks on a white background.

Color Contrast Check

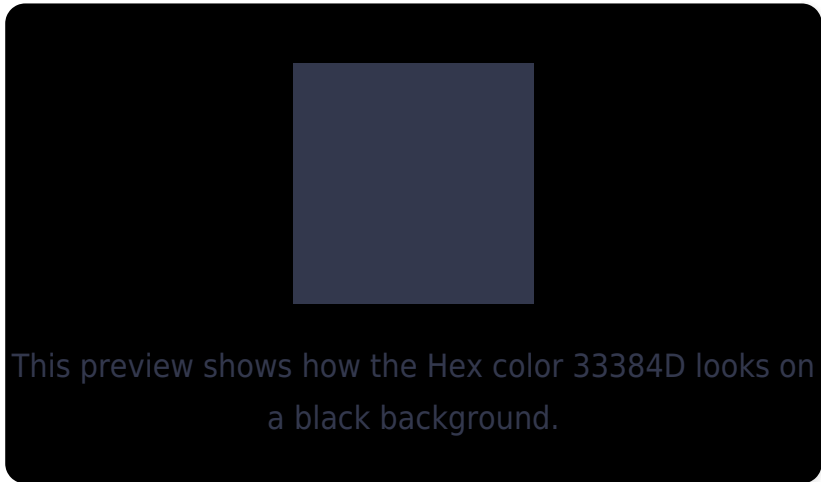
Large Text (above 18pt) WCAG AA ✓ Pass

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

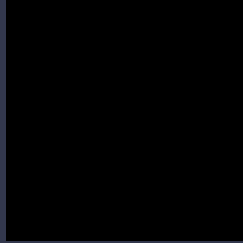
Any Text WCAG AA × Fail

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 33384D Background



This preview shows how black text looks on a background with the Hex color 33384D.

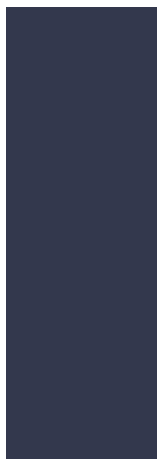


This preview shows how white text looks on a background with the Hex color 33384D.

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
33384D

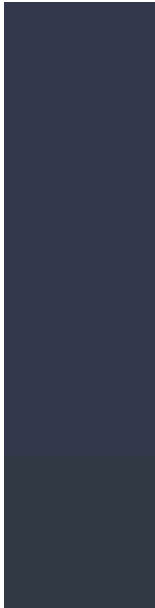
Protanopia
33384D

Deuteranopia
33384D



Tritanopia
303B3F

Trichromacy



Original Color
33384D

Protanomaly
33384D

Deuteranomaly
33384D

Tritanomaly
313A44

Monochromacy



Original Color
33384D

Achromatopsia
393939

Achromatomaly
373940

CSS Examples

Text

The CSS property to change the color of the text to Hex 33384D 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 #33384D looks like.

```
.text, #text, p{  
    color:#33384D  
}
```

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 #33384D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33384D
}
```

Border

The CSS property to change the border of an element to Hex 33384D is called "border". The border property can be set on classes, ids or directly on the HTML element.

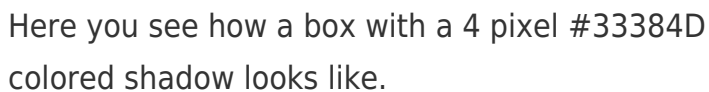
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33384D }
```

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

```
.border{ border-color:#33384D }
```

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



Here you see how a box with a 4 pixel #33384D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33384D; -webkit-box-shadow:4px 4px  
4px 4px #33384D; box-shadow:4px 4px 4px  
4px #33384D }
```

Background

The CSS property to change the background color of an element to Hex 33384D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33384D }
```

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

```
.background{ background-color:#33384D }
```

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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