

# Converting Colors

Hex(34484D)

Have a look what the booklet for  
Hex(34484D) contains.

<b>Hex(34484D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(34484D)

# Conversions

## Conversions Part 1

Format	Color
Hex	34484D
RGB	52, 72, 77
RGB Percent	20%, 28%, 30%
CMY	0.7961, 0.7176, 0.6980
CMYK	0.32, 0.06, 0.00, 0.70
HSL	192°, 19%, 25%
HSV	192°, 32%, 30%
XYZ	5.0731, 5.9006, 7.8927
YIQ	66.5900, -13.5250, -2.6850

# Conversions

## Conversions Part 2

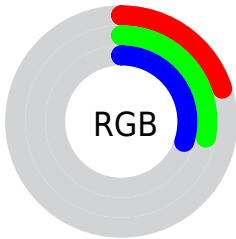
Format	Color
<b>RYB</b>	52, 63, 77
Decimal	3426381
CIELab	29.16, -6.40, -5.53
CIElCh	29, 8.458, 220.817
Yxy	5.9006, 0.2689, 0.3128
Android (android.graphics.Color)	4281616461 (0xFF34484D)
YUV	66.5900, 5.1321, -12.7954
Hunter-Lab	24.2912, -5.2307, -2.2608

# Details

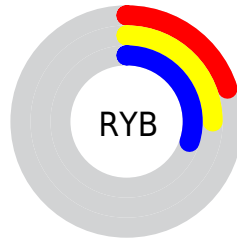
The Hex color **34484D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4D3934**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **63787E**, and **081D21** is the 20% darker color. If you saturate the color by 10%, you get **2C464D**, and if you desaturate by 10%, it is **3C4A4D**.

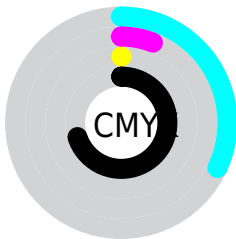
# Distribution



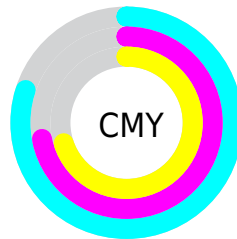
- Red (20%)
- Green (28%)
- Blue (30%)



- Red (20%)
- Yellow (25%)
- Blue (30%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (70%)



- Cyan (80%)
- Magenta (72%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34484D 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 34484D by changing the saturation by 10% instead.



■ 34484D

■ 34484D

FFFFFF

■ 1E3236

■ 63787E

■ 081D21

■ 7D9298

■ 00000A

■ 97ADB2

■ 000000

■ B1C8CE

■ CDE4EA

■ E9FFFF

■ 34484D

■ 34484D

■ 2C464D

■ 3C4A4D

■ 25454D

■ 434B4D

■ 1D434D

■ 4B4D4D

■ 15424D

■ 534E4D

■ 0E404D

■ 5A504D

■ 063F4D

■ 62514D

■ 003E4D

■ 6A534D

■ 72544D

■ 79564D

# Harmonies

## Analogous

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



344947



34484D



394751

# Triad

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



34484D



4F4149



474538

# Complementary

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



34484D



4D3934

# 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.



4E4339



34484D



524043

# Square

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



34484D



49424F



52413C



40473B

# Rectangle

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



34484D



3E4552



52413C



4A4438



# Sweetspot

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



34484D



5A6163



344D39



2D3233



B3B3B3



333333



# Same Dimension

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



34484D



3D5C63



343C4D



222526



005266



00B8E6



# Inverse Universe

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



4D3448



633D5C



4D4634



262225



660052



E600B8



# Previews

## White Background



This preview shows how the Hex color 34484D looks on a white background.

## Color Contrast Check

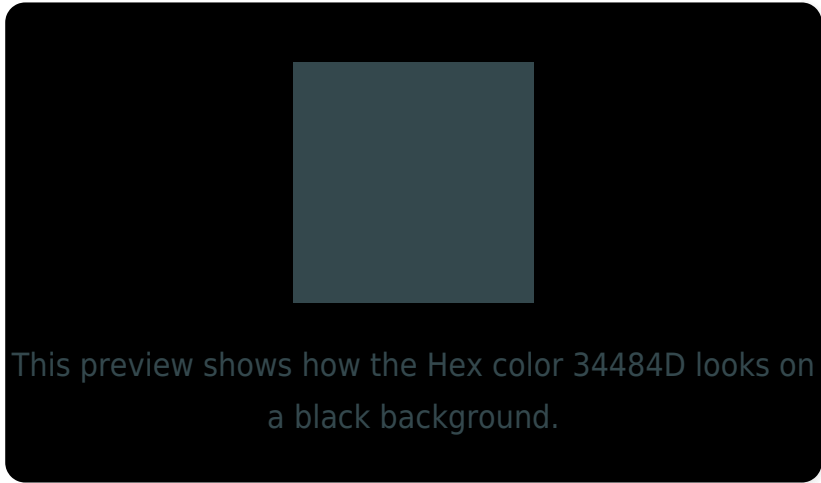
Large Text (above 18pt) WCAG AA ✓ Pass

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

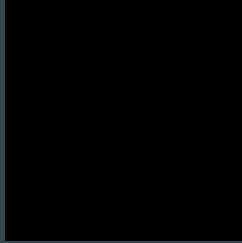
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

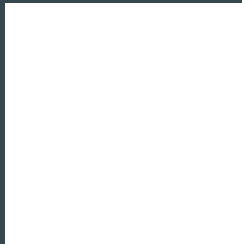
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34484D Background



This preview shows how black text looks on a background with the Hex color 34484D.



This preview shows how white text looks on a background with the Hex color 34484D.

# 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**  
34484D

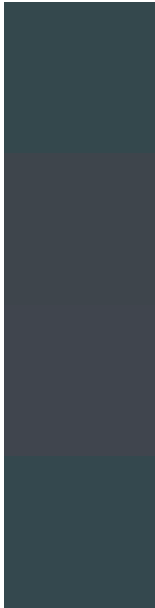
**Protanopia**  
44444B

**Deuteranopia**  
47434E



**Tritanopia**  
34484E

# Trichromacy



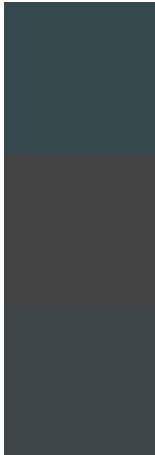
**Original Color**  
34484D

**Protanomaly**  
3E454C

**Deuteranomaly**  
40454E

**Tritanomaly**  
34484E

# Monochromacy



**Original Color**  
34484D

**Achromatopsia**  
434343

**Achromatomaly**  
3E4547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34484D 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 #34484D looks like.

```
.text, #text, p{  
    color:#34484D  
}
```

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 #34484D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34484D
}
```

## Border

The CSS property to change the border of an element to Hex 34484D is called "border". The border property can be set on classes, ids or directly on the HTML element.

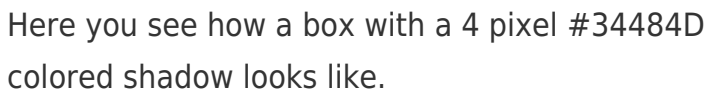
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34484D }
```

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

```
.border{ border-color:#34484D }
```

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



Here you see how a box with a 4 pixel #34484D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34484D; -webkit-box-shadow:4px 4px  
4px 4px #34484D; box-shadow:4px 4px 4px  
4px #34484D }
```

# Background

The CSS property to change the background color of an element to Hex 34484D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34484D }
```

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

```
.background{ background-color:#34484D }
```

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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