

Converting Colors

Hex(37485B)

Have a look what the booklet for
Hex(37485B) contains.

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Color

Hex(37485B)

Conversions

Conversions Part 1

Format	Color
Hex	37485B
RGB	55, 72, 91
RGB Percent	22%, 28%, 36%
CMY	0.7843, 0.7176, 0.6431
CMYK	0.40, 0.21, 0.00, 0.64
HSL	212°, 25%, 29%
HSV	212°, 40%, 36%
XYZ	5.7812, 6.2023, 10.7900
YIQ	69.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

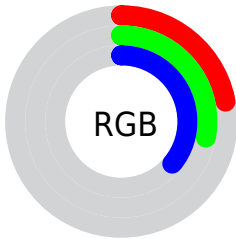
Format	Color
RYB	55, 67, 91
Decimal	3623003
CIELab	29.92, -1.28, -13.38
CIElCh	30, 13.445, 264.527
Yxy	6.2023, 0.2539, 0.2723
Android (android.graphics.Color)	4281813083 (0xFF37485B)
YUV	69.0830, 10.8051, -12.3508
Hunter-Lab	24.9044, -2.1461, -8.2547

Details

The Hex color **37485B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B4A37**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **67788D**, and **091D2D** is the 20% darker color. If you saturate the color by 10%, you get **2E435B**, and if you desaturate by 10%, it is **404D5B**.

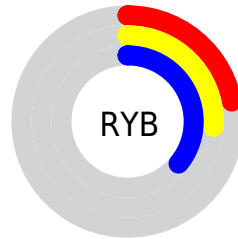
Distribution



Red (22%)

Green (28%)

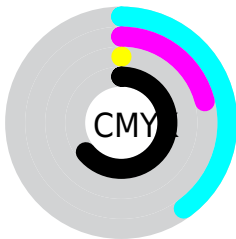
Blue (36%)



Red (22%)

Yellow (26%)

Blue (36%)

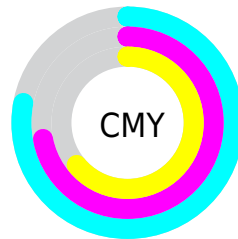


Cyan (40%)

Magenta (21%)

Yellow (0%)

Black (64%)



Cyan (78%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37485B 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 37485B by changing the saturation by 10% instead.



37485B



37485B

FFFFFF



203243



67788D



091D2D



8192A8



000119



9BADC3



000000



B6C8DF



D2E4FB



EEFFFF



37485B



37485B



2E435B



404D5B

■ 253E5B

■ 49525B

■ 1C3A5B

■ 52565B

■ 13355B

■ 5B5B5B

■ 09305B

■ 65605B

■ 002B5B

■ 6E655B

■ 776A5B

■ 806E5B

■ 89735B

Harmonies

Analogous

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



2B4B57



37485B



464459

Triad

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



37485B



5C3F3E



394B3A

Complementary

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



37485B



5B4A37

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.



454833



37485B



584236

Square

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



37485B



5A3F49



504532



2E4C44

Rectangle

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



37485B



4E4255



504532



3D4A37

Sweetspot

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



37485B



676E75



375B4A



32363B



BABABA



3B3B3B

Same Dimension

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



37485B



3E5875



38375B



292B2E



00346E



0070ED

Inverse Universe

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



5B3748



753E58



5A5B37



2E292B



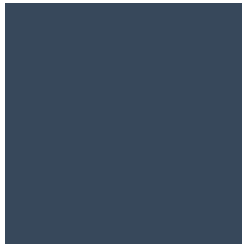
6E0034



ED0070

Previews

White Background



This preview shows how the Hex color 37485B 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

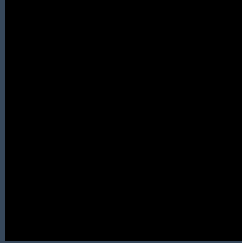
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

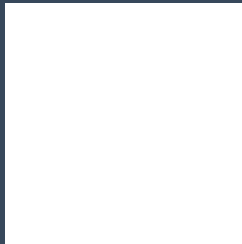
Any Text WCAG AAA × Fail

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

Hex 37485B Background



This preview shows how black text looks on a background with the Hex color 37485B.

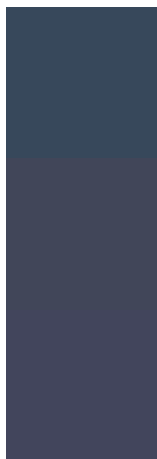


This preview shows how white text looks on a background with the Hex color 37485B.

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

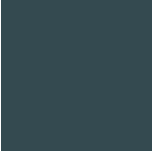
37485B

Protanopia

414659

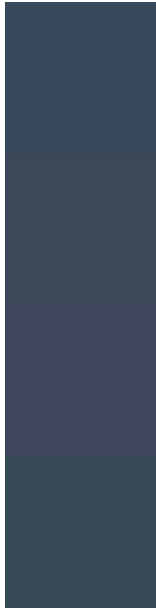
Deuteranopia

42455C



Tritanopia
344A50

Trichromacy



Original Color
37485B

Protanomaly
3D475A

Deuteranomaly
3E465C

Tritanomaly
354954

Monochromacy



Original Color
37485B

Achromatopsia
454545

Achromatomaly
40464D

CSS Examples

Text

The CSS property to change the color of the text to Hex 37485B 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 #37485B looks like.

```
.text, #text, p{  
    color:#37485B  
}
```

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 #37485B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37485B  
}
```

Border

The CSS property to change the border of an element to Hex 37485B 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  
#37485B }
```

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

```
.border{ border-color:#37485B }
```

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

Here you see how a box with a 4 pixel #37485B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37485B; -webkit-box-shadow:4px 4px  
4px 4px #37485B; box-shadow:4px 4px 4px  
4px #37485B }
```

Background

The CSS property to change the background color of an element to Hex 37485B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37485B }
```

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

```
.background{ background-color:#37485B }
```

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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