

Converting Colors

Hex(3A3D51)

Have a look what the booklet for
Hex(3A3D51) contains.

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Color

Hex(3A3D51)

Conversions

Conversions Part 1

Format	Color
Hex	3A3D51
RGB	58, 61, 81
RGB Percent	23%, 24%, 32%
CMY	0.7725, 0.7608, 0.6824
CMYK	0.28, 0.25, 0.00, 0.68
HSL	232°, 17%, 27%
HSV	232°, 28%, 32%
XYZ	4.8989, 4.8311, 8.4589
YIQ	62.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

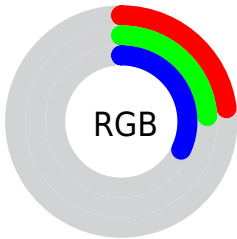
Format	Color
RYB	58, 61, 81
Decimal	3816785
CIELab	26.25, 3.97, -12.50
CIELCh	26, 13.113, 287.630
Yxy	4.8311, 0.2693, 0.2656
Android (android.graphics.Color)	4282006865 (0xFF3A3D51)
YUV	62.3830, 9.1782, -3.8439
Hunter-Lab	21.9798, 1.3196, -7.4318

Details

The Hex color **3A3D51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514E3A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6A6C82**, and **0F1324** is the 20% darker color. If you saturate the color by 10%, you get **323651**, and if you desaturate by 10%, it is **424451**.

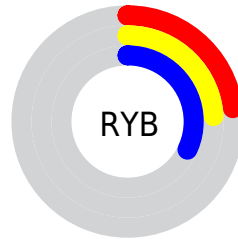
Distribution



Red (23%)

Green (24%)

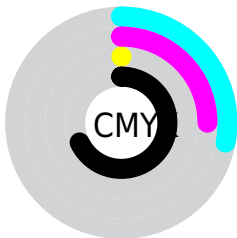
Blue (32%)



Red (23%)

Yellow (24%)

Blue (32%)

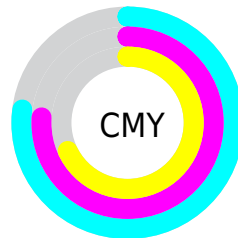


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (68%)



Cyan (77%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3D51 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 3A3D51 by changing the saturation by 10% instead.

■ 3A3D51

■ 3A3D51

FFFFFF

■ 24273A

■ 6A6C82

■ 0F1324

■ 83869C

■ 00010E

■ 9DA0B7

■ 000000

■ B8BBD3

■ D4D6EF

■ F0F3FF

■ 3A3D51

■ 3A3D51

■ 323651

■ 424451

■ 2A2F51

■ 4A4B51

■ 222851

■ 525251

■ 1A2151

■ 5A5951

■ 111A51

■ 636051

■ 091351

■ 6B6751

■ 010C51

■ 736E51

■ 000B51

■ 7B7551

■ 837C51

Harmonies

Analogous

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



2C4051



3A3D51



473A4C

Triad

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



3A3D51



503930



29433A

Complementary

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



3A3D51



514E3A

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.



344230



3A3D51



493C2B

Square

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



3A3D51



523739



3F3F2B



214444

Rectangle

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



3A3D51



4D3846



3F3F2B



2C4336

Sweetspot

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



3A3D51



5F6069



3A514E



303036



B5B5B5



363636

Same Dimension

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



3A3D51



454A69



423A51



252529



000E69



001EE8

Inverse Universe

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



513A3D



69454A



49513A



292525



69000E



E8001E

Previews

White Background



This preview shows how the Hex color 3A3D51 looks on a white background.

Color Contrast Check

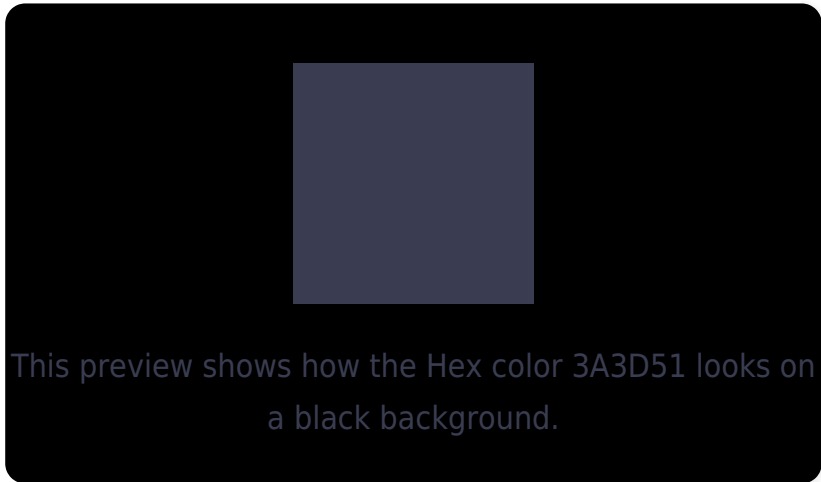
Large Text (above 18pt) WCAG AA ✓ Pass

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

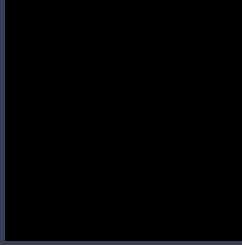
Any Text WCAG AA × Fail

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 3A3D51 Background



This preview shows how black text looks on a background with the Hex color 3A3D51.



This preview shows how white text looks on a background with the Hex color 3A3D51.

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
3A3D51

Protanopia
393D51

Deuteranopia
3A3D51



Tritanopia
373F44

Trichromacy



Original Color
3A3D51

Protanomaly
393D51

Deuteranomaly
3A3D51

Tritanomaly
383E49

Monochromacy



Original Color
3A3D51

Achromatopsia
3E3E3E

Achromatomaly
3D3E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3D51 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 #3A3D51 looks like.

```
.text, #text, p{  
    color:#3A3D51  
}
```

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 #3A3D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3D51
}
```

Border

The CSS property to change the border of an element to Hex 3A3D51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

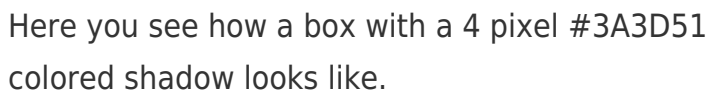
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3D51 }
```

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

```
.border{ border-color:#3A3D51 }
```

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



Here you see how a box with a 4 pixel #3A3D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3D51; -webkit-box-shadow:4px 4px  
4px 4px #3A3D51; box-shadow:4px 4px 4px  
4px #3A3D51 }
```

Background

The CSS property to change the background color of an element to Hex 3A3D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3D51 }
```

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

```
.background{ background-color:#3A3D51 }
```

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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