

Converting Colors

Hex(3D4957)

Have a look what the booklet for
Hex(3D4957) contains.

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Color

Hex(3D4957)

Conversions

Conversions Part 1

Format	Color
Hex	3D4957
RGB	61, 73, 87
RGB Percent	24%, 29%, 34%
CMY	0.7608, 0.7137, 0.6588
CMYK	0.30, 0.16, 0.00, 0.66
HSL	212°, 18%, 29%
HSV	212°, 30%, 34%
XYZ	6.0273, 6.4453, 9.9432
YIQ	71.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

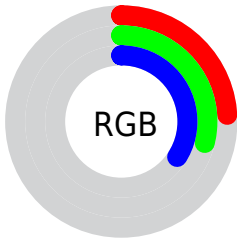
Format	Color
RYB	61, 69, 87
Decimal	4016471
CIELab	30.51, -1.08, -9.88
CIELCh	31, 9.935, 263.741
Yxy	6.4453, 0.2689, 0.2875
Android (android.graphics.Color)	4282206551 (0xFF3D4957)
YUV	71.0080, 7.8841, -8.7770
Hunter-Lab	25.3876, -2.0504, -5.4500

Details

The Hex color **3D4957** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **574B3D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6D7989**, and **111E2A** is the 20% darker color. If you saturate the color by 10%, you get **344457**, and if you desaturate by 10%, it is **464E57**.

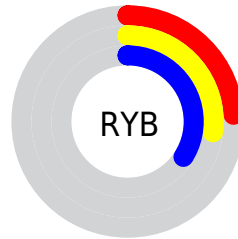
Distribution



Red (24%)

Green (29%)

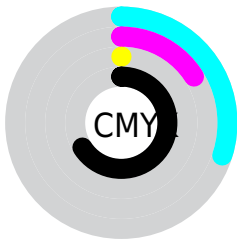
Blue (34%)



Red (24%)

Yellow (27%)

Blue (34%)

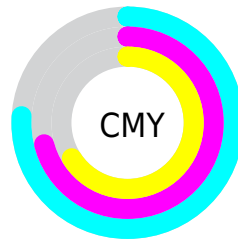


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (66%)



Cyan (76%)

Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4957 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 3D4957 by changing the saturation by 10% instead.

■ 3D4957

■ 3D4957

FFFFFF

■ 273340

■ 6D7989

■ 111E2A

■ 8793A3

■ 000416

■ A1AEBE

■ 000000

■ BCC9DA

■ D8E5F6

■ F4FFFF

■ 3D4957

■ 3D4957

■ 344457

■ 464E57

■ 2C4057

■ 4E5257

■ 233B57

■ 575757

■ 1A3657

■ 605C57

■ 123257

■ 696057

■ 092D57

■ 716557

■ 002857

■ 7A6A57

■ 836E57

■ 8B7357

Harmonies

Analogous

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



354B54



3D4957



474656

Triad

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



3D4957



584342



3E4B3E

Complementary

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



3D4957



574B3D

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.



47493A



3D4957



55443C

Square

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



3D4957



56434A



4F4739



374C46

Rectangle

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



3D4957



4E4553



4F4739



414B3C

Sweetspot

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



3D4957



666B70



3D574B



323538



B8B8B8



383838

Same Dimension

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



3D4957



485A70



3E3D57



27292B



00316B



006CEB

Inverse Universe

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



573D49



70485A



56573D



2B2729



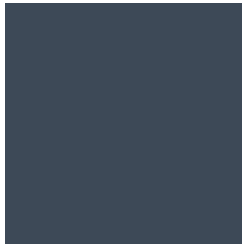
6B0031



EB006C

Previews

White Background



This preview shows how the Hex color 3D4957 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

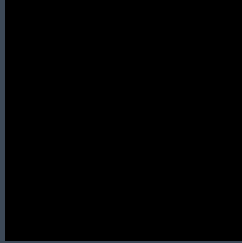
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

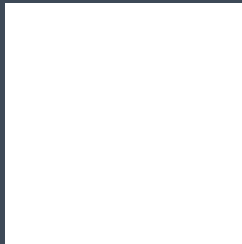
Any Text WCAG AAA × Fail

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

Hex 3D4957 Background



This preview shows how black text looks on a background with the Hex color 3D4957.

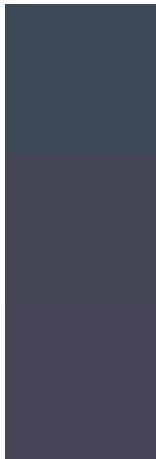


This preview shows how white text looks on a background with the Hex color 3D4957.

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
3D4957

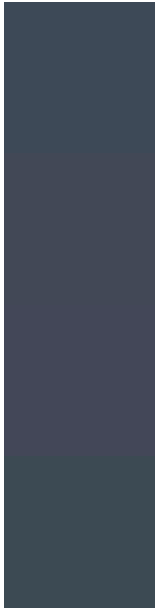
Protanopia
454756

Deuteranopia
474658



Tritanopia
3B4A50

Trichromacy



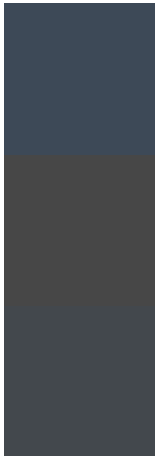
Original Color
3D4957

Protanomaly
424856

Deuteranomaly
434758

Tritanomaly
3C4A53

Monochromacy



Original Color
3D4957

Achromatopsia
474747

Achromatomaly
43484D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4957 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 #3D4957 looks like.

```
.text, #text, p{  
    color:#3D4957  
}
```

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 #3D4957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4957
}
```

Border

The CSS property to change the border of an element to Hex 3D4957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

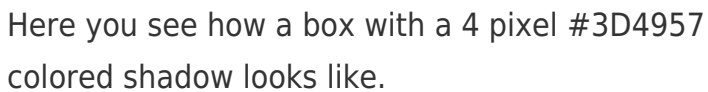
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4957 }
```

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

```
.border{ border-color:#3D4957 }
```

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



Here you see how a box with a 4 pixel #3D4957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4957; -webkit-box-shadow:4px 4px  
4px 4px #3D4957; box-shadow:4px 4px 4px  
4px #3D4957 }
```

Background

The CSS property to change the background color of an element to Hex 3D4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4957 }
```

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

```
.background{ background-color:#3D4957 }
```

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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