

Converting Colors

Hex(3D4537)

Have a look what the booklet for
Hex(3D4537) contains.

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Color

Hex(3D4537)

Conversions

Conversions Part 1

Format	Color
Hex	3D4537
RGB	61, 69, 55
RGB Percent	24%, 27%, 22%
CMY	0.7608, 0.7294, 0.7843
CMYK	0.12, 0.00, 0.20, 0.73
HSL	94°, 11%, 24%
HSV	94°, 20%, 27%
XYZ	4.7422, 5.5242, 4.4308
YIQ	65.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

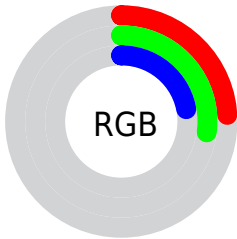
Format	Color
RYB	55, 69, 63
Decimal	4015415
CIELab	28.18, -6.36, 7.38
CIElCh	28, 9.739, 130.741
Yxy	5.5242, 0.3227, 0.3759
Android (android.graphics.Color)	4282205495 (0xFF3D4537)
YUV	65.0120, -4.9359, -3.5185
Hunter-Lab	23.5036, -5.1163, 5.2755

Details

The Hex color **3D4537** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3745**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6C7566**, and **131A0C** is the 20% darker color. If you saturate the color by 10%, you get **394530**, and if you desaturate by 10%, it is **41453E**.

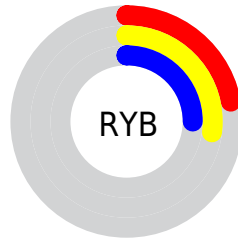
Distribution



Red (24%)

Green (27%)

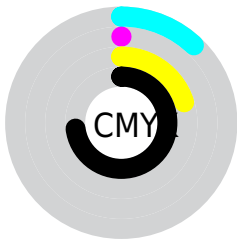
Blue (22%)



Red (22%)

Yellow (27%)

Blue (25%)

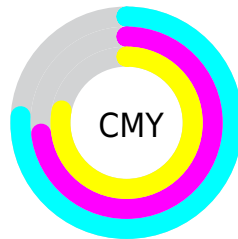


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4537 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 3D4537 by changing the saturation by 10% instead.



3D4537



3D4537

FFFFFF



272F22



6C7566



131A0C



868F7F



000000



A0A999



BBC4B3



D7E0CF



F3FDEB



3D4537



3D4537



394530



41453E

■ 354529

■ 454545

■ 314522

■ 49454C

■ 2D451B

■ 4D4553

■ 294515

■ 51455A

■ 25450E

■ 554560

■ 214507

■ 594567

■ 1E4500

■ 5D456E

■ 604575

Harmonies

Analogous

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



454334



3D4537



35463D

Triad

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



3D4537



344550



523D40

Complementary

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



3D4537



3F3745

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.



4E3E48



3D4537



3D4251

Square

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



3D4537



2F464C



47404E



513E39

Rectangle

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



3D4537



314742



47404E



513D43

Sweetspot

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



3D4537



565954



453F37



2C2E2B



ADADAD



2E2E2E

Same Dimension

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



3D4537



4D5944



374538



222420



2B6300



61E300

Inverse Universe

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



3F3745



504459



453744



222024



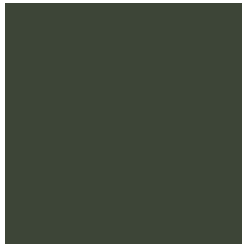
390063



8200E3

Previews

White Background



This preview shows how the Hex color 3D4537 looks on a white background.

Color Contrast Check

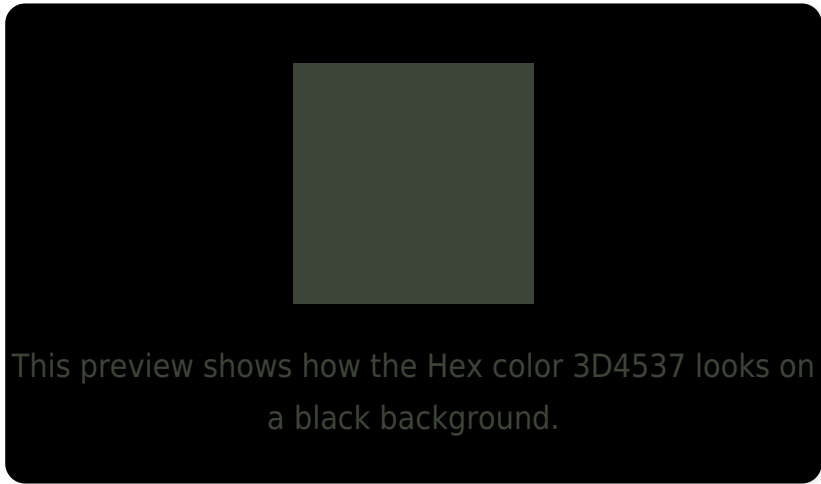
Large Text (above 18pt) WCAG AA ✓ Pass

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

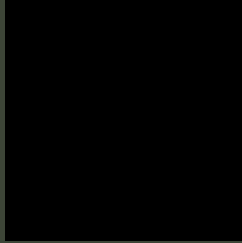
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

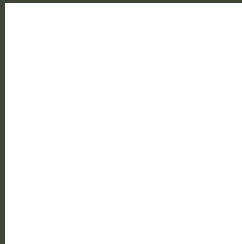
Any Text WCAG AAA × Fail

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

Hex 3D4537 Background



This preview shows how black text looks on a background with the Hex color 3D4537.

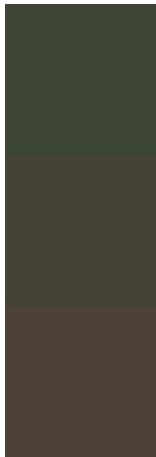


This preview shows how white text looks on a background with the Hex color 3D4537.

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](#).

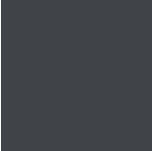
Dichromacy



Original Color
3D4537

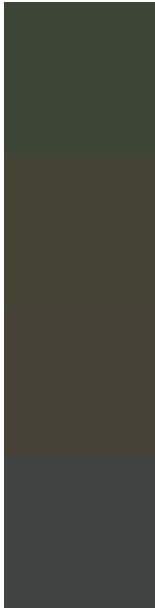
Protanopia
464236

Deuteranopia
4C4038



Tritanopia
404348

Trichromacy



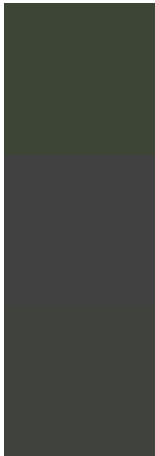
Original Color
3D4537

Protanomaly
434336

Deuteranomaly
474238

Tritanomaly
3F4442

Monochromacy



Original Color
3D4537

Achromatopsia
414141

Achromatomaly
40423D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4537 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 #3D4537 looks like.

```
.text, #text, p{  
    color:#3D4537  
}
```

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 #3D4537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4537
}
```

Border

The CSS property to change the border of an element to Hex 3D4537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

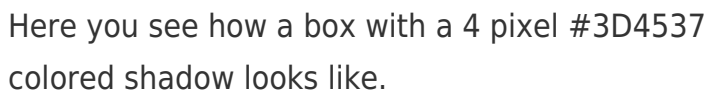
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4537 }
```

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

```
.border{ border-color:#3D4537 }
```

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



Here you see how a box with a 4 pixel #3D4537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4537; -webkit-box-shadow:4px 4px  
4px 4px #3D4537; box-shadow:4px 4px 4px  
4px #3D4537 }
```

Background

The CSS property to change the background color of an element to Hex 3D4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4537 }
```

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

```
.background{ background-color:#3D4537 }
```

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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