

Converting Colors

Hex(3D5640)

Have a look what the booklet for
Hex(3D5640) contains.

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Color

Hex(3D5640)

Conversions

Conversions Part 1

Format	Color
Hex	3D5640
RGB	61, 86, 64
RGB Percent	24%, 34%, 25%
CMY	0.7608, 0.6627, 0.7490
CMYK	0.29, 0.00, 0.26, 0.66
HSL	127°, 17%, 29%
HSV	127°, 29%, 34%
XYZ	6.1777, 8.0178, 6.0725
YIQ	76.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

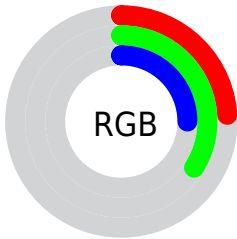
Format	Color
R _{YB}	61, 83, 86
Decimal	4019776
CIE Lab	34.02, -14.57, 9.83
CIE LCh	34, 17.576, 146.000
Yxy	8.0178, 0.3048, 0.3956
Android (android.graphics.Color)	4282209856 (0xFF3D5640)
YUV	76.0170, -5.9244, -13.1699
Hunter-Lab	28.3158, -10.6092, 7.1060

Details

The Hex color **3D5640** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **563D53**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6D8870**, and **112915** is the 20% darker color. If you saturate the color by 10%, you get **345638**, and if you desaturate by 10%, it is **465648**.

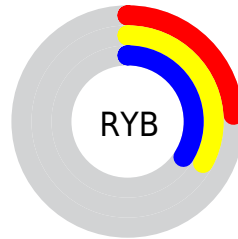
Distribution



 Red (24%)

 Green (34%)

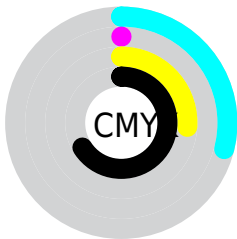
 Blue (25%)




 Red (24%)

 Yellow (33%)

 Blue (34%)

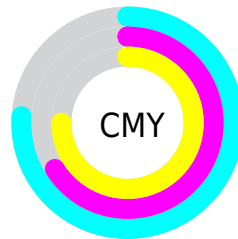


 Cyan (29%)

 Magenta (0%)

 Yellow (26%)

 Black (66%)



 Cyan (76%)

 Magenta (66%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5640 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 3D5640 by changing the saturation by 10% instead.

■ 3D5640

■ 3D5640

FFFFFF

■ 273F2A

■ 6D8870

■ 112915

■ 87A289

■ 001500

■ A1BDA3

■ 000000

■ BCD9BF

■ D8F6DA

■ F5FFF7

■ 3D5640

■ 3D5640

■ 345638

■ 465648

■ 2C5631

■ 4E564F

■ 235629

■ 575657

■ 1B5622

■ 5F565E

■ 12561A

■ 685666

■ 095613

■ 71566D

■ 01560B

■ 795675

■ 00560A

■ 82567D

■ 8A5684

Harmonies

Analogous

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



4D5337



3D5640



2D584E

Triad

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



3D5640



3B526C



6C4644

Complementary

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



3D5640



563D53

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.



6A4652



3D5640



4F4D69

Square

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



3D5640



295667



604860



664A39

Rectangle

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



3D5640



255857



604860



6C4649

Sweetspot

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



3D5640



667067



53563D



323833



B8B8B8



383838

Same Dimension

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



3D5640



49704E



3D564C



272B28



006B0D



00EB1C

Inverse Universe

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



563D53



70496B



563D47



2B272B



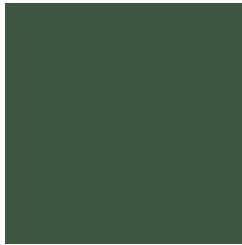
6B005E



EB00CE

Previews

White Background



This preview shows how the Hex color 3D5640 looks on a white background.

Color Contrast Check

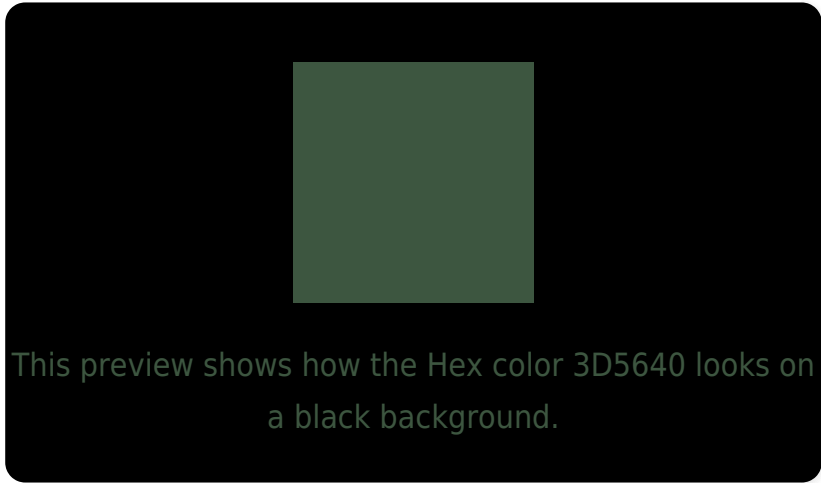
Large Text (above 18pt) WCAG AA ✓ Pass

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

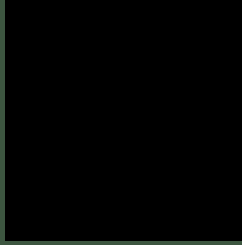
Any Text WCAG AA × Fail

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 3D5640 Background



This preview shows how black text looks on a background with the Hex color 3D5640.



This preview shows how white text looks on a background with the Hex color 3D5640.

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](#).

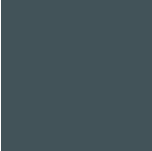
Dichromacy



Original Color
3D5640

Protanopia
55503D

Deuteranopia
5C4D42



Tritanopia
425359

Trichromacy



Original Color
3D5640

Protanomaly
4C523E

Deuteranomaly
515041

Tritanomaly
405450

Monochromacy



Original Color
3D5640

Achromatopsia
4C4C4C

Achromatomaly
475048

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5640 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 #3D5640 looks like.

```
.text, #text, p{  
    color:#3D5640  
}
```

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 #3D5640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5640
}
```

Border

The CSS property to change the border of an element to Hex 3D5640 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".

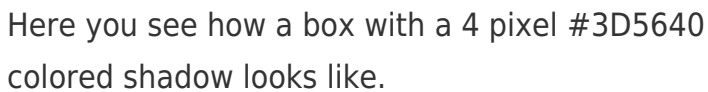
```
.border, #border, table{ border:4px solid
#3D5640 }
```

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

```
.border{ border-color:#3D5640 }
```

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

Here you see how a box with a 4 pixel #3D5640 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5640; -webkit-box-shadow:4px 4px  
4px 4px #3D5640; box-shadow:4px 4px 4px  
4px #3D5640 }
```

Background

The CSS property to change the background color of an element to Hex 3D5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5640 }
```

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

```
.background{ background-color:#3D5640 }
```

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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