

# Converting Colors

Hex(3D5445)

Have a look what the booklet for  
Hex(3D5445) contains.

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# Color

Hex(3D5445)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 3D5445                    |
| RGB         | 61, 84, 69                |
| RGB Percent | 24%, 33%, 27%             |
| CMY         | 0.7608, 0.6706, 0.7294    |
| CMYK        | 0.27, 0.00, 0.18, 0.67    |
| HSL         | 141°, 16%, 28%            |
| HSV         | 141°, 27%, 33%            |
| XYZ         | 6.1690, 7.7624, 6.8034    |
| YIQ         | 75.4130, -8.8930, -9.5410 |

# Conversions

## Conversions Part 2

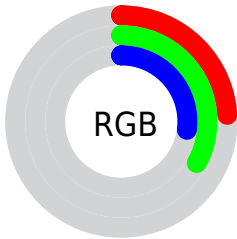
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 61, 78, 84                    |
| Decimal                             | 4019269                       |
| CIELab                              | 33.48, -12.35, 5.95           |
| CIElCh                              | 33, 13.711, 154.269           |
| Yxy                                 | 7.7624, 0.2975,<br>0.3744     |
| Android<br>(android.graphics.Color) | 4282209349<br>(0xFF3D5445)    |
| YUV                                 | 75.4130, -3.1616,<br>-12.6402 |
| Hunter-Lab                          | 27.8611, -9.2337,<br>5.0248   |

# Details

The Hex color **3D5445** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **543D4C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6D8675**, and **12271A** is the 20% darker color. If you saturate the color by 10%, you get **355440**, and if you desaturate by 10%, it is **45544A**.

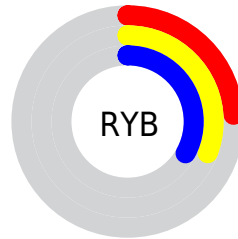
# Distribution



Red (24%)

Green (33%)

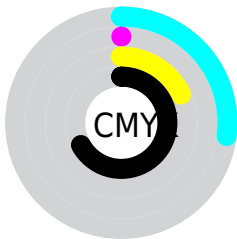
Blue (27%)



Red (24%)

Yellow (31%)

Blue (33%)

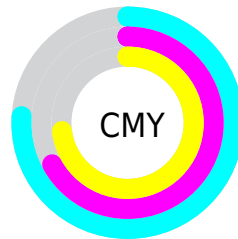


Cyan (27%)

Magenta (0%)

Yellow (18%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D5445 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 3D5445 by changing the saturation by 10% instead.





3D5445



3D5445

FFFFFF



273D2F



6D8675



12271A



86A08F



001300



A1BBA9



000000



BCD7C4



D8F3E0



F4FFFD



3D5445



3D5445



355440



45544A

■ 2C543A

■ 4E5450

■ 245435

■ 565455

■ 1B542F

■ 5F545B

■ 13542A

■ 675460

■ 0B5424

■ 6F5466

■ 02541F

■ 78546B

■ 00541D

■ 805471

■ 895476

# Harmonies

## Analogous

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



49523D



3D5445



335550

# Triad

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



3D5445



444F64



644843

# Complementary

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



3D5445



543D4C

# 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.



64474E



3D5445



524B61

# Square

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



3D5445



365262



5E4858



5F4B3C

# Rectangle

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



3D5445



305557



5E4858



654746



# Sweetspot

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



3D5445



656E68



4C543D



323834



B8B8B8



383838



# Same Dimension

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



3D5445



496E56



3D5450



252926



006924



00E851



# Inverse Universe

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



543D4C



6E4961



543D41



292527



690044



E80097



# Previews

## White Background



This preview shows how the Hex color 3D5445 looks on a white background.

## Color Contrast Check

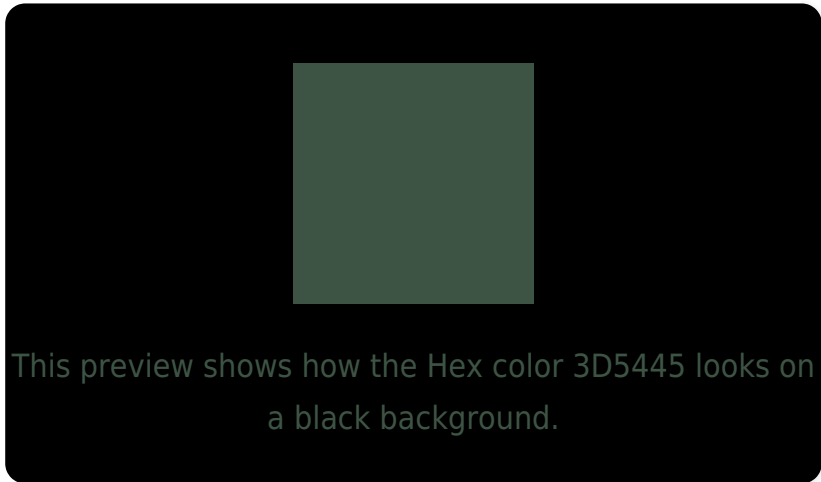
Large Text (above 18pt) WCAG AA ✓ Pass

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

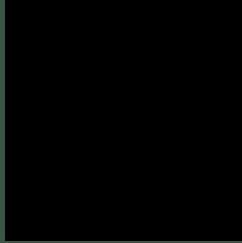
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D5445 Background



This preview shows how black text looks on a background with the Hex color 3D5445.



This preview shows how white text looks on a background with the Hex color 3D5445.

# 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**  
3D5445

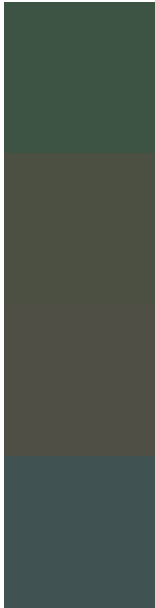
**Protanopia**  
534E42

**Deuteranopia**  
594C47



**Tritanopia**  
415158

# Trichromacy



**Original Color**  
3D5445

**Protanomaly**  
4B5043

**Deuteranomaly**  
4F4F46

**Tritanomaly**  
405251

# Monochromacy



**Original Color**  
3D5445

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
464E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D5445 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 #3D5445 looks like.

```
.text, #text, p{  
    color:#3D5445  
}
```

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 #3D5445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5445
}
```

## Border

The CSS property to change the border of an element to Hex 3D5445 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
#3D5445 }
```

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

```
.border{ border-color:#3D5445 }
```

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

Here you see how a box with a 4 pixel #3D5445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5445; -webkit-box-shadow:4px 4px  
4px 4px #3D5445; box-shadow:4px 4px 4px  
4px #3D5445 }
```

# Background

The CSS property to change the background color of an element to Hex 3D5445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5445 }
```

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

```
.background{ background-color:#3D5445 }
```

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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