

Converting Colors

Hex(3B5A45)

Have a look what the booklet for
Hex(3B5A45) contains.

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Color

Hex(3B5A45)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3B5A45 |
| RGB | 59, 90, 69 |
| RGB Percent | 23%, 35%, 27% |
| CMY | 0.7686, 0.6471, 0.7294 |
| CMYK | 0.34, 0.00, 0.23, 0.65 |
| HSL | 139°, 21%, 29% |
| HSV | 139°, 34%, 35% |
| XYZ | 6.5340, 8.6718, 6.9597 |
| YIQ | 78.3370, -11.7350, -13.1030 |

Conversions

Conversions Part 2

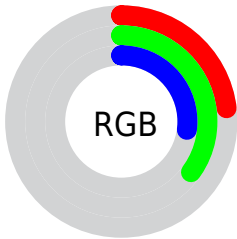
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 59, 82, 90 |
| Decimal | 3889733 |
| CIELab | 35.34, -16.49, 8.56 |
| CIELCh | 35, 18.577, 152.566 |
| Yxy | 8.6718, 0.2948, 0.3912 |
| Android (android.graphics.Color) | 4282079813 (0xFF3B5A45) |
| YUV | 78.3370, -4.6031, -16.9585 |
| Hunter-Lab | 29.4479, -11.9279, 6.6011 |

Details

The Hex color **3B5A45** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A3B50**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6B8C75**, and **0E2C1A** is the 20% darker color. If you saturate the color by 10%, you get **325A3F**, and if you desaturate by 10%, it is **445A4B**.

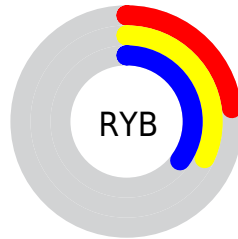
Distribution



 Red (23%)

 Green (35%)

 Blue (27%)



 Red (23%)

 Yellow (32%)

 Blue (35%)

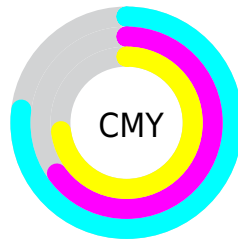


 Cyan (34%)

 Magenta (0%)

 Yellow (23%)

 Black (65%)



 Cyan (77%)

 Magenta (65%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B5A45 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 3B5A45 by changing the saturation by 10% instead.



3B5A45



3B5A45

FFFFFF



24422F



6B8C75



0E2C1A



85A78F



001900



9FC2A9



000000



BADEC5



D6FBE1



F3FFFD



3B5A45



3B5A45



325A3F



445A4B

■ 295A39

■ 4D5A51

■ 205A33

■ 565A57

■ 175A2D

■ 5F5A5D

■ 0E5A27

■ 685A63

■ 055A20

■ 715A6A

■ 005A1D

■ 7A5A70

■ 835A76

■ 8C5A7C

Harmonies

Analogous

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



4C573A



3B5A45



2B5B54

Triad

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



3B5A45



415471



704944

Complementary

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



3B5A45



5A3B50

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.



704852



3B5A45



574F6C

Square

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



3B5A45



2C586D



674A61



694E39

Rectangle

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



3B5A45



235B5E



674A61



714948

Sweetspot

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



3B5A45



6A756D



505A3B



343B36



BABABA



3B3B3B

Same Dimension

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



3B5A45



457555



3B5A54



292E2B



006E23



00ED4C

Inverse Universe

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



5A3B50



754566



5A3B41



2E292C



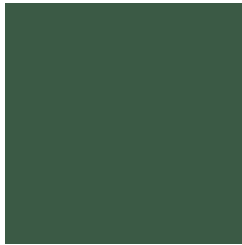
6E004A



ED00A1

Previews

White Background



This preview shows how the Hex color 3B5A45 looks on a white background.

Color Contrast Check

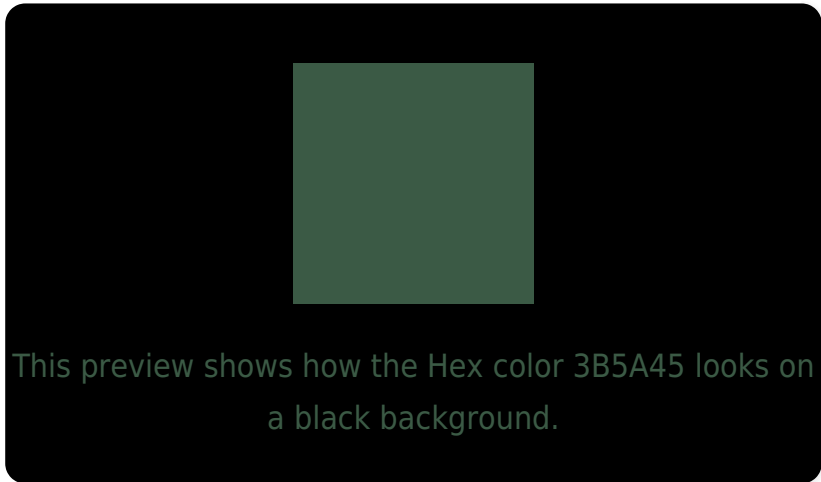
Large Text (above 18pt) WCAG AA ✓ Pass

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

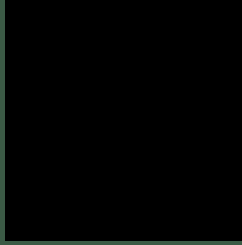
Any Text WCAG AA × Fail

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 3B5A45 Background



This preview shows how black text looks on a background with the Hex color 3B5A45.



This preview shows how white text looks on a background with the Hex color 3B5A45.

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
3B5A45

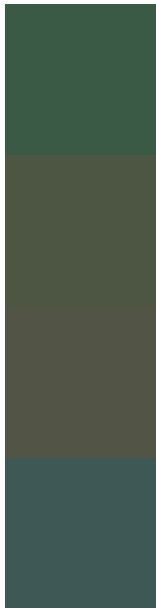
Protanopia
585342

Deuteranopia
5F5047



Tritanopia
40575E

Trichromacy



Original Color
3B5A45

Protanomaly
4D5643

Deuteranomaly
525446

Tritanomaly
3E5855

Monochromacy



Original Color
3B5A45

Achromatopsia
4E4E4E

Achromatomaly
47524B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B5A45 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 #3B5A45 looks like.

```
.text, #text, p{  
    color:#3B5A45  
}
```

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 #3B5A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5A45  
}
```

Border

The CSS property to change the border of an element to Hex 3B5A45 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  
#3B5A45 }
```

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

```
.border{ border-color:#3B5A45 }
```

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

Here you see how a box with a 4 pixel #3B5A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5A45; -webkit-box-shadow:4px 4px  
4px 4px #3B5A45; box-shadow:4px 4px 4px  
4px #3B5A45 }
```

Background

The CSS property to change the background color of an element to Hex 3B5A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5A45 }
```

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

```
.background{ background-color:#3B5A45 }
```

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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