

Converting Colors

Hex(3B4635)

Have a look what the booklet for
Hex(3B4635) contains.

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Color

Hex(3B4635)

Conversions

Conversions Part 1

Format	Color
Hex	3B4635
RGB	59, 70, 53
RGB Percent	23%, 27%, 21%
CMY	0.7686, 0.7255, 0.7922
CMYK	0.16, 0.00, 0.24, 0.73
HSL	99°, 14%, 24%
HSV	99°, 24%, 27%
XYZ	4.6364, 5.5672, 4.1984
YIQ	64.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

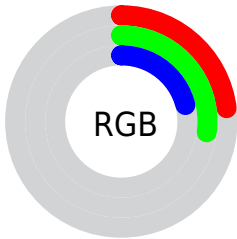
Format	Color
RYB	53, 70, 64
Decimal	3884597
CIELab	28.29, -8.23, 8.80
CIELCh	28, 12.047, 133.074
Yxy	5.5672, 0.3219, 0.3866
Android (android.graphics.Color)	4282074677 (0xFF3B4635)
YUV	64.7730, -5.8041, -5.0629
Hunter-Lab	23.5948, -6.2157, 5.9666

Details

The Hex color **3B4635** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403546**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6A7664**, and **111B08** is the 20% darker color. If you saturate the color by 10%, you get **36462E**, and if you desaturate by 10%, it is **40463C**.

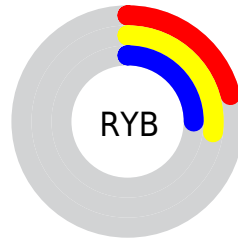
Distribution



Red (23%)

Green (27%)

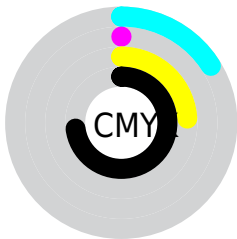
Blue (21%)



Red (21%)

Yellow (27%)

Blue (25%)

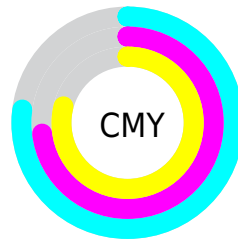


Cyan (16%)

Magenta (0%)

Yellow (24%)

Black (73%)



Cyan (77%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4635 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 3B4635 by changing the saturation by 10% instead.

■ 3B4635

■ 3B4635

FFFFFF

■ 253020

■ 6A7664

■ 111B08

■ 84907D

■ 000000

■ 9EAA96

■ B9C6B1

■ D4E2CD

■ F1FEE9

■ 3B4635

■ 3B4635

■ 36462E

■ 40463C

■ 324627

■ 444643

■ 2D4620

■ 49464A

■ 294619

■ 4D4651

■ 244612

■ 524658

■ 20460B

■ 56465F

■ 1B4604

■ 5B4666

■ 194600

■ 5F466D

■ 644674

Harmonies

Analogous

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



454331



3B4635



31483D

Triad

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



3B4635



314554



563C3F

Complementary

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



3B4635



403546

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.



523D48



3B4635



3D4255

Square

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



3B4635



29474F



493F50



543E36

Rectangle

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



3B4635



2B4843



493F50



553C42

Sweetspot

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



3B4635



585C55



464035



2C2E2A



ADADAD



2E2E2E

Same Dimension

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



3B4635



4B5C41



354637



212420



236300



50E300

Inverse Universe

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



403546



52415C



463544



222024



400063



9300E3

Previews

White Background



This preview shows how the Hex color 3B4635 looks on a white background.

Color Contrast Check

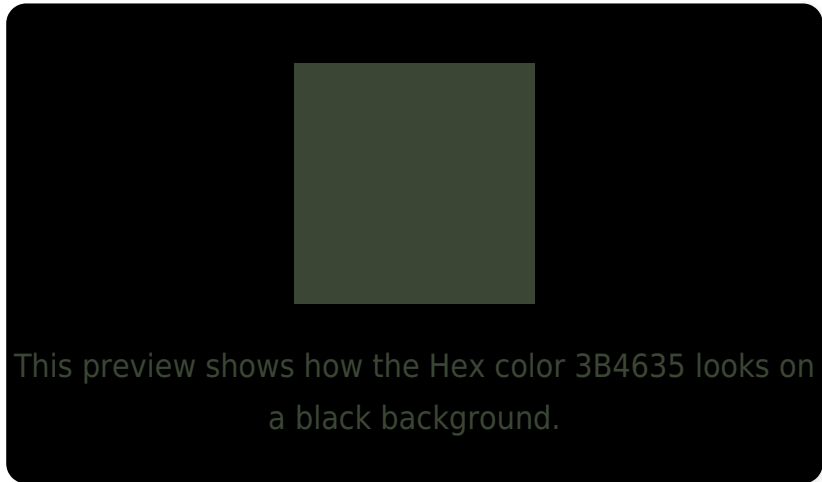
Large Text (above 18pt) WCAG AA ✓ Pass

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

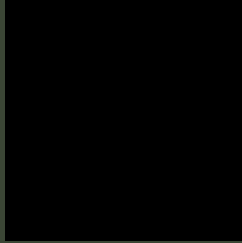
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

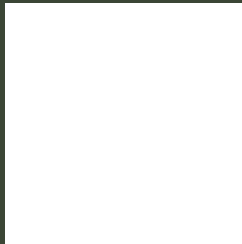
Any Text WCAG AAA × Fail

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

Hex 3B4635 Background



This preview shows how black text looks on a background with the Hex color 3B4635.

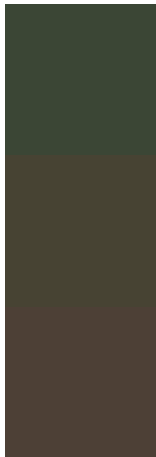


This preview shows how white text looks on a background with the Hex color 3B4635.

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](#).

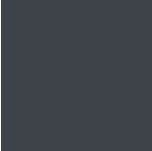
Dichromacy



Original Color
3B4635

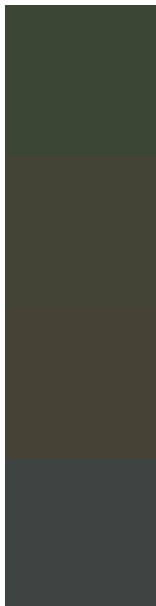
Protanopia
474333

Deuteranopia
4D4036



Tritanopia
3E4349

Trichromacy



Original Color

3B4635

Protanomaly

434434

Deuteranomaly

464236

Tritanomaly

3D4442

Monochromacy



Original Color

3B4635

Achromatopsia

414141

Achromatomaly

3F433D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4635 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 #3B4635 looks like.

```
.text, #text, p{  
    color:#3B4635  
}
```

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 #3B4635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4635
}
```

Border

The CSS property to change the border of an element to Hex 3B4635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

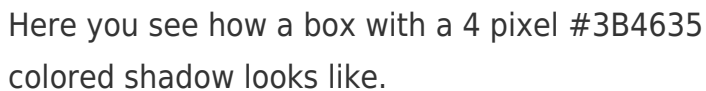
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B4635 }
```

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

```
.border{ border-color:#3B4635 }
```

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



Here you see how a box with a 4 pixel #3B4635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4635; -webkit-box-shadow:4px 4px  
4px 4px #3B4635; box-shadow:4px 4px 4px  
4px #3B4635 }
```

Background

The CSS property to change the background color of an element to Hex 3B4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4635 }
```

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

```
.background{ background-color:#3B4635 }
```

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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