

Converting Colors

Hex(3B6628)

Have a look what the booklet for
Hex(3B6628) contains.

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Color

Hex(3B6628)

Conversions

Conversions Part 1

Format	Color
Hex	3B6628
RGB	59, 102, 40
RGB Percent	23%, 40%, 16%
CMY	0.7686, 0.6000, 0.8431
CMYK	0.42, 0.00, 0.61, 0.60
HSL	102°, 44%, 28%
HSV	102°, 61%, 40%
XYZ	6.9380, 10.5858, 3.6851
YIQ	82.0750, -5.7260, -28.3980

Conversions

Conversions Part 2

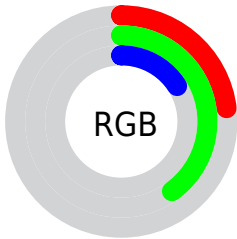
Format	Color
RYB	40, 102, 83
Decimal	3892776
CIELab	38.87, -27.56, 29.92
CIELCh	39, 40.678, 132.654
Yxy	10.5858, 0.3271, 0.4991
Android (android.graphics.Color)	4282082856 (0xFF3B6628)
YUV	82.0750, -20.7430, -20.2368
Hunter-Lab	32.5358, -18.8738, 16.0597

Details

The Hex color **3B6628** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **532866**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D9957**, and **0A3600** is the 20% darker color. If you saturate the color by 10%, you get **34661E**, and if you desaturate by 10%, it is **426632**.

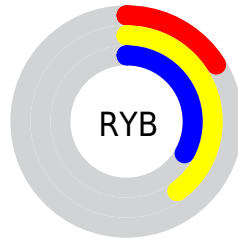
Distribution



Red (23%)

Green (40%)

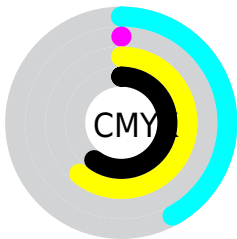
Blue (16%)



Red (16%)

Yellow (40%)

Blue (33%)

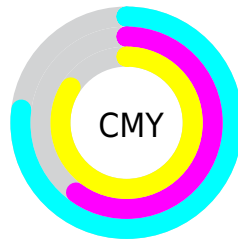


Cyan (42%)

Magenta (0%)

Yellow (61%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6628 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 3B6628 by changing the saturation by 10% instead.



3B6628



3B6628

FFFFFF



224E11



6D9957



0A3600



88B470



002200



A3D08A



000000



BEECA5



DAFFC0



F7FFDC



FFFFFF9



3B6628



3B6628

■ 34661E

■ 426632

■ 2D6614

■ 49663C

■ 266609

■ 506647

■ 1F6600

■ 576651

■ 5E665B

■ 656665

■ 6D666F

■ 74667A

■ 7B6684

Harmonies

Analogous

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



605E14



3B6628



006A47

Triad

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



3B6628



00649A



983D4F

Complementary

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



3B6628



532866

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.



8E4070



3B6628



365A9C

Square

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



3B6628



006A88



6F4D8C



914630

Rectangle

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



3B6628



006B5E



6F4D8C



973D5A

Sweetspot

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



3B6628



74856D



665228



384234



C2C2C2



424242

Same Dimension

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



3B6628



418524



286633



2F332E



237300



4AF200

Inverse Universe

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



532866



672485



66285B



312E33



500073



A800F2

Previews

White Background



This preview shows how the Hex color 3B6628 looks on a white background.

Color Contrast Check

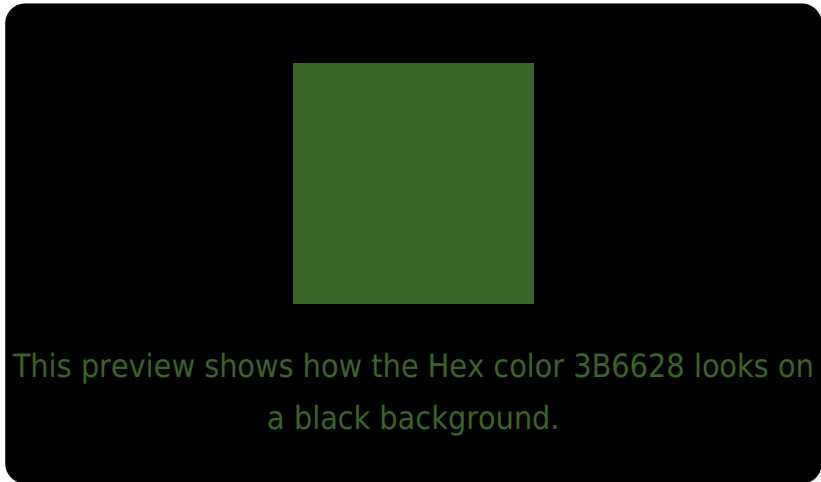
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 3B6628 Background



This preview shows how black text looks on a background with the Hex color 3B6628.



This preview shows how white text looks on a background with the Hex color 3B6628.

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
3B6628

Protanopia
665B25

Deuteranopia
70572C



Tritanopia
466067

Trichromacy



Original Color
3B6628

Protanomaly
565F26

Deuteranomaly
5D5C2B

Tritanomaly
426250

Monochromacy



Original Color
3B6628

Achromatopsia
525252

Achromatomaly
4A5943

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6628 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 #3B6628 looks like.

```
.text, #text, p{  
    color:#3B6628  
}
```

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 #3B6628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6628
}
```

Border

The CSS property to change the border of an element to Hex 3B6628 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".

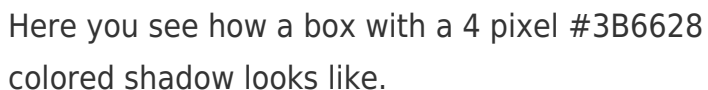
```
.border, #border, table{ border:4px solid
#3B6628 }
```

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

```
.border{ border-color:#3B6628 }
```

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

Here you see how a box with a 4 pixel #3B6628 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6628; -webkit-box-shadow:4px 4px  
4px 4px #3B6628; box-shadow:4px 4px 4px  
4px #3B6628 }
```

Background

The CSS property to change the background color of an element to Hex 3B6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6628 }
```

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

```
.background{ background-color:#3B6628 }
```

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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