

Converting Colors

Hex(3C762C)

Have a look what the booklet for
Hex(3C762C) contains.

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Color

Hex(3C762C)

Conversions

Conversions Part 1

Format	Color
Hex	3C762C
RGB	60, 118, 44
RGB Percent	24%, 46%, 17%
CMY	0.7647, 0.5373, 0.8275
CMYK	0.49, 0.00, 0.63, 0.54
HSL	107°, 46%, 32%
HSV	107°, 63%, 46%
XYZ	8.7965, 14.0994, 4.6407
YIQ	92.2220, -10.8140, -35.3100

Conversions

Conversions Part 2

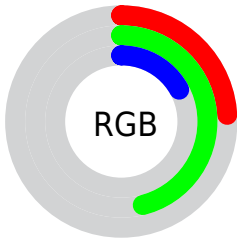
Format	Color
R_{YB}	44, 118, 102
Decimal	3962412
CIE _{Lab}	44.38, -34.07, 34.23
CIE _{LCh}	44, 48.299, 134.864
Y _{xy}	14.0994, 0.3194, 0.5120
Android (android.graphics.Color)	4282152492 (0xFF3C762C)
YUV	92.2220, -23.7734, -28.2587
Hunter-Lab	37.5491, -23.8943, 18.9567

Details

The Hex color **3C762C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **662C76**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **70AB5D**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **337620**, and if you desaturate by 10%, it is **457638**.

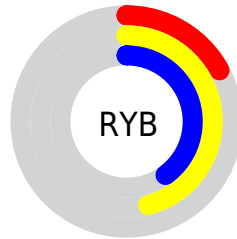
Distribution



Red (24%)

Green (46%)

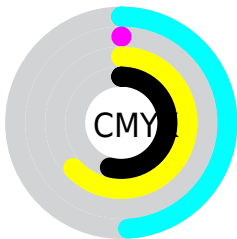
Blue (17%)



Red (17%)

Yellow (46%)

Blue (40%)

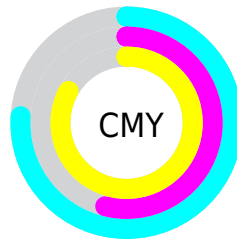


Cyan (49%)

Magenta (0%)

Yellow (63%)

Black (54%)



Cyan (76%)

Magenta (54%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C762C 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 3C762C by changing the saturation by 10% instead.



3C762C



3C762C

FFFFFF



215D14



70AB5D



004500



8BC676



002E00



A6E290



001800



C2FFAB



000000



DFFFC7



FCFFE3



3C762C



3C762C



337620



457638

 2A7614

 4E7644

 207609

 58764F

 1A7600

 61765B

 6A7667

 737673

 7D767F

 86768A

 8F7696

Harmonies

Analogous

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



6B6D0F



3C762C



007B53

Triad

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



3C762C



0073B6



B24357

Complementary

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



3C762C



662C76

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.



A7467F



3C762C



3F67B7

Square

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



3C762C



007AA1



8455A2



A84F32

Rectangle

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



3C762C



007C6F



8455A2



B14264

Sweetspot

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



3C762C



82997C



76662C



3F4D3B



CCCCCC



4D4D4D

Same Dimension

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



3C762C



3F9926



2C7641



363B35



1A7A00



36FA00

Inverse Universe

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



662C76



802699



762C61



39353B



60007A



C400FA

Previews

White Background



This preview shows how the Hex color 3C762C looks on a white background.

Color Contrast Check

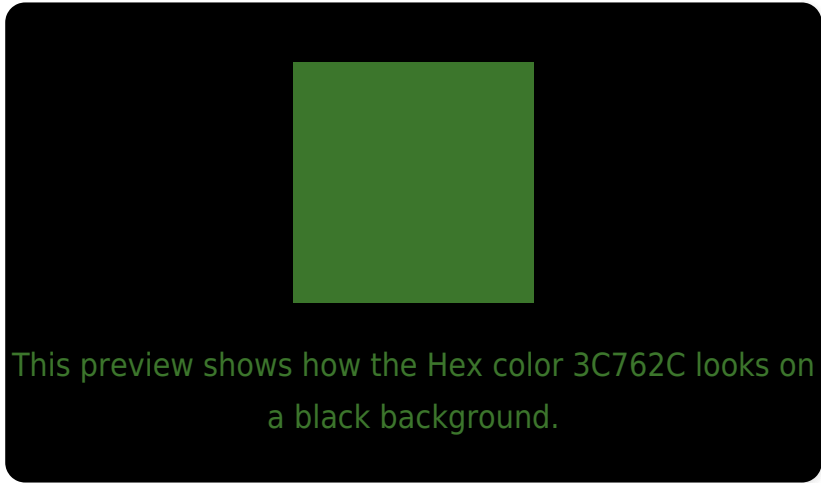
Large Text (above 18pt) WCAG AA ✓ Pass

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

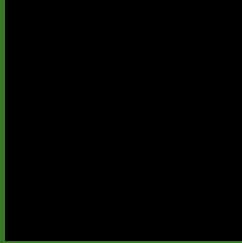
Any Text WCAG AA × Fail

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 3C762C Background



This preview shows how black text looks on a background with the Hex color 3C762C.



This preview shows how white text looks on a background with the Hex color 3C762C.

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
3C762C

Protanopia
756928

Deuteranopia
816332



Tritanopia
4A6F77

Trichromacy



Original Color
3C762C

Protanomaly
606E29

Deuteranomaly
686A30

Tritanomaly
45725C

Monochromacy



Original Color
3C762C

Achromatopsia
5C5C5C

Achromatomaly
50654B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C762C 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 #3C762C looks like.

```
.text, #text, p{  
    color:#3C762C  
}
```

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 #3C762C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C762C
}
```

Border

The CSS property to change the border of an element to Hex 3C762C 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".

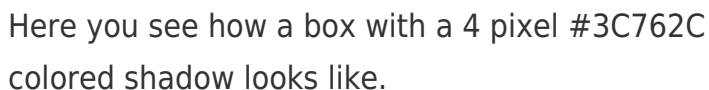
```
.border, #border, table{ border:4px solid
#3C762C }
```

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

```
.border{ border-color:#3C762C }
```

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

Here you see how a box with a 4 pixel #3C762C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C762C; -webkit-box-shadow:4px 4px  
4px 4px #3C762C; box-shadow:4px 4px 4px  
4px #3C762C }
```

Background

The CSS property to change the background color of an element to Hex 3C762C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C762C }
```

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

```
.background{ background-color:#3C762C }
```

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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