

Converting Colors

Hex(5B7342)

Have a look what the booklet for
Hex(5B7342) contains.

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Color

Hex(5B7342)

Conversions

Conversions Part 1

Format	Color
Hex	5B7342
RGB	91, 115, 66
RGB Percent	36%, 45%, 26%
CMY	0.6431, 0.5490, 0.7412
CMYK	0.21, 0.00, 0.43, 0.55
HSL	89°, 27%, 35%
HSV	89°, 43%, 45%
XYZ	11.4285, 14.8790, 7.4238
YIQ	102.2380, 1.4250, -20.3270

Conversions

Conversions Part 2

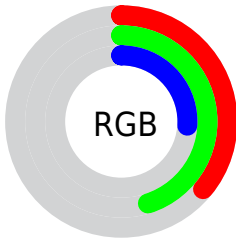
Format	Color
RYB	66, 115, 90
Decimal	5993282
CIELab	45.47, -18.16, 24.27
CIElCh	45, 30.316, 126.805
Yxy	14.8790, 0.3388, 0.4411
Android (android.graphics.Color)	4284183362 (0xFF5B7342)
YUV	102.2380, -17.8653, -9.8557
Hunter-Lab	38.5733, -14.6172, 15.5903

Details

The Hex color **5B7342** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5A4273**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8EA773**, and **2B4315** is the 20% darker color. If you saturate the color by 10%, you get **557337**, and if you desaturate by 10%, it is **61734E**.

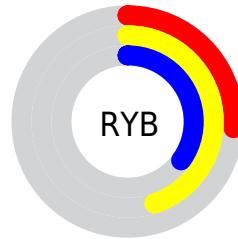
Distribution



Red (36%)

Green (45%)

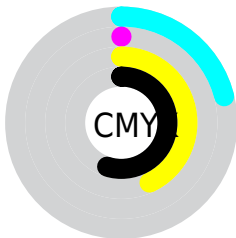
Blue (26%)



Red (26%)

Yellow (45%)

Blue (35%)

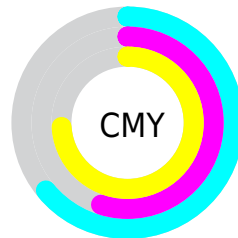


Cyan (21%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7342 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 5B7342 by changing the saturation by 10% instead.



5B7342



5B7342

FFFFFF



435A2B



8EA773



2B4315



A9C28C



172C00



C4DEA7



001A00



E1FBC2



000000



FDFE



FFFFFFB



5B7342



5B7342



557337



61734E

■ 50732B

■ 667359

■ 4A7320

■ 6C7365

■ 447314

■ 727370

■ 3F7309

■ 77737C

■ 3B7300

■ 7D7387

■ 827393

■ 88739E

■ 8E73AA

Harmonies

Analogous

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



766C38



5B7342



3B7757

Triad

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



5B7342



15749A



9C5767

Complementary

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



5B7342



5A4273

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.



905A80



5B7342



4F6C9E

Square

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



5B7342



007889



766394



9A5B4F

Rectangle

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



5B7342



1E7968



766394



99586F

Sweetspot

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



5B7342



8D9683



735A42



474D40



CCCCCC



4D4D4D

Same Dimension

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



5B7342



71964A



437342



383B35



3E7A00



7FFA00

Inverse Universe

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



5A4273



6F4A96



724273



38353B



3C007A



7A00FA

Previews

White Background



This preview shows how the Hex color 5B7342 looks on a white background.

Color Contrast Check

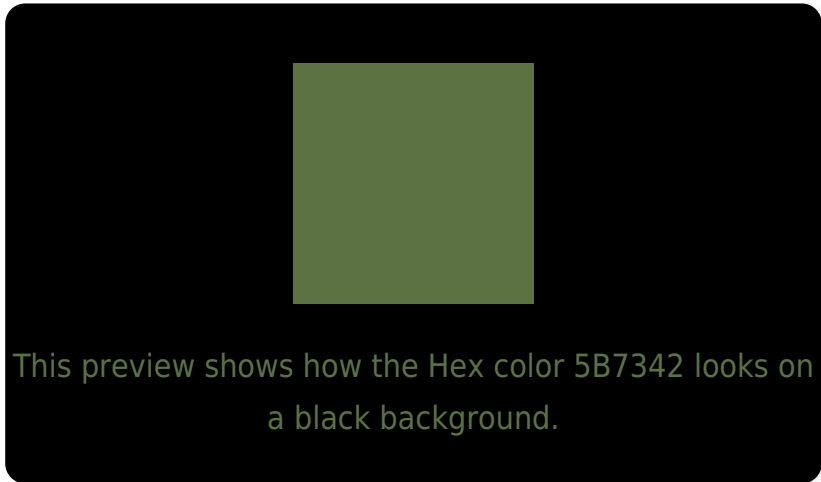
Large Text (above 18pt) WCAG AA ✓ Pass

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

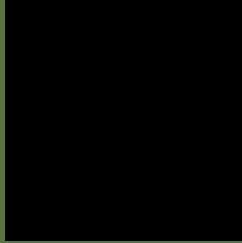
Any Text WCAG AA × Fail

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 5B7342 Background



This preview shows how black text looks on a background with the Hex color 5B7342.



This preview shows how white text looks on a background with the Hex color 5B7342.

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
5B7342

Protanopia
766B3F

Deuteranopia
816745



Tritanopia
626D76

Trichromacy



Original Color
5B7342

Protanomaly
6C6E40

Deuteranomaly
736B44

Tritanomaly
5F6F63

Monochromacy



Original Color
5B7342

Achromatopsia
666666

Achromatomaly
626B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7342 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 #5B7342 looks like.

```
.text, #text, p{  
    color:#5B7342  
}
```

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 #5B7342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7342
}
```

Border

The CSS property to change the border of an element to Hex 5B7342 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
#5B7342 }
```

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

```
.border{ border-color:#5B7342 }
```

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

Here you see how a box with a 4 pixel #5B7342 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7342; -webkit-box-shadow:4px 4px  
4px 4px #5B7342; box-shadow:4px 4px 4px  
4px #5B7342 }
```

Background

The CSS property to change the background color of an element to Hex 5B7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7342 }
```

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

```
.background{ background-color:#5B7342 }
```

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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