

Converting Colors

Hex(5B7C30)

Have a look what the booklet for
Hex(5B7C30) contains.

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Color

Hex(5B7C30)

Conversions

Conversions Part 1

Format	Color
Hex	5B7C30
RGB	91, 124, 48
RGB Percent	36%, 49%, 19%
CMY	0.6431, 0.5137, 0.8118
CMYK	0.27, 0.00, 0.61, 0.51
HSL	86°, 44%, 34%
HSV	86°, 61%, 49%
XYZ	12.0555, 16.8529, 5.4138
YIQ	105.4690, 4.7280, -30.6320

Conversions

Conversions Part 2

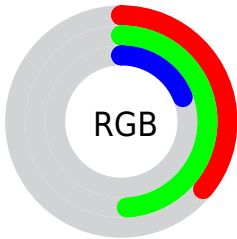
Format	Color
RYB	48, 124, 81
Decimal	5995568
CIELab	48.07, -24.96, 36.93
CIELCh	48, 44.574, 124.057
Yxy	16.8529, 0.3512, 0.4910
Android (android.graphics.Color)	4284185648 (0xFF5B7C30)
YUV	105.4690, -28.3322, -12.6893
Hunter-Lab	41.0522, -19.4225, 20.9176

Details

The Hex color **5B7C30** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **51307C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8FB161**, and **294B00** is the 20% darker color. If you saturate the color by 10%, you get **567C24**, and if you desaturate by 10%, it is **607C3C**.

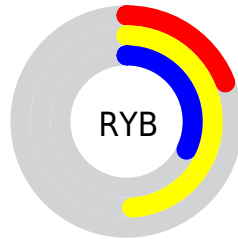
Distribution



Red (36%)

Green (49%)

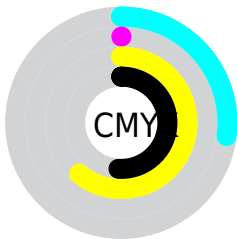
Blue (19%)



Red (19%)

Yellow (49%)

Blue (32%)

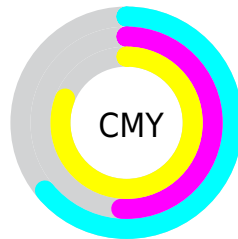


Cyan (27%)

Magenta (0%)

Yellow (61%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7C30 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 5B7C30 by changing the saturation by 10% instead.



5B7C30



5B7C30

FFFFFF



426317



8FB161



294B00



AACC7B



113400



C6E995



002000



E3FFB0



000000



FFFCC



FFFEE8



5B7C30



5B7C30



567C24



607C3C

■ 507C17

■ 667C49

■ 4B7C0B

■ 6B7C55

■ 467C00

■ 717C62

■ 767C6E

■ 7B7C7A

■ 817C87

■ 867C93

■ 8B7CA0

Harmonies

Analogous

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



827222



5B7C30



208250

Triad

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



5B7C30



007FB5



B6506E

Complementary

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



5B7C30



51307C

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.



A45794



5B7C30



2C75BD

Square

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



5B7C30



00849B



7B66B1



B4564A

Rectangle

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



5B7C30



008469



7B66B1



B3517B

Sweetspot

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



5B7C30



94A184



7C5130



4A5240



D1D1D1



525252

Same Dimension

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



5B7C30



6DA12A



357C30



3B3D37



477D00



8FFC00

Inverse Universe

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



51307C



5D2AA1



77307C



3A373D



36007D



6E00FC

Previews

White Background



This preview shows how the Hex color 5B7C30 looks on a white background.

Color Contrast Check

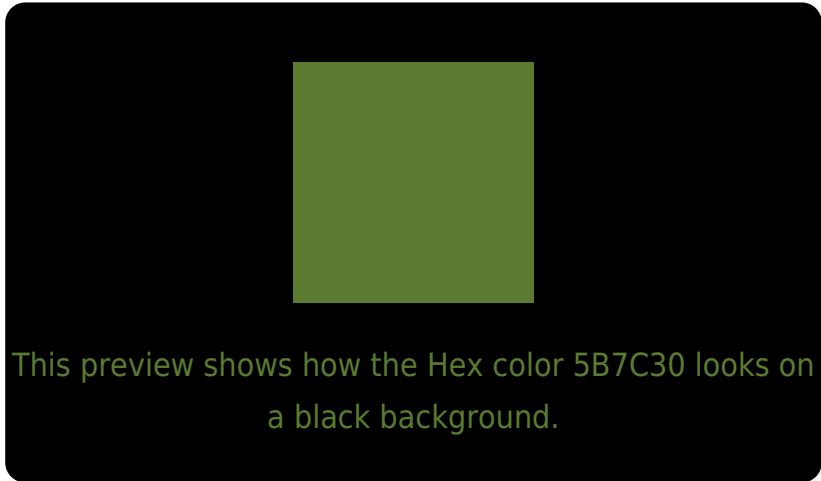
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B7C30 Background



This preview shows how black text looks on a background with the Hex color 5B7C30.



This preview shows how white text looks on a background with the Hex color 5B7C30.

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
5B7C30

Protanopia
7F722D

Deuteranopia
8D6C35



Tritanopia
65747D

Trichromacy



Original Color
5B7C30

Protanomaly
72762E

Deuteranomaly
7B7233

Tritanomaly
617761

Monochromacy



Original Color
5B7C30

Achromatopsia
696969

Achromatomaly
647054

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7C30 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 #5B7C30 looks like.

```
.text, #text, p{  
    color:#5B7C30  
}
```

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 #5B7C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7C30
}
```

Border

The CSS property to change the border of an element to Hex 5B7C30 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
#5B7C30 }
```

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

```
.border{ border-color:#5B7C30 }
```

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

Here you see how a box with a 4 pixel #5B7C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7C30; -webkit-box-shadow:4px 4px  
4px 4px #5B7C30; box-shadow:4px 4px 4px  
4px #5B7C30 }
```

Background

The CSS property to change the background color of an element to Hex 5B7C30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7C30 }
```

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

```
.background{ background-color:#5B7C30 }
```

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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