

Converting Colors

Hex(5B7400)

Have a look what the booklet for
Hex(5B7400) contains.

| | |
|--|----|
| Hex(5B7400) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(5B7400)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5B7400 |
| RGB | 91, 116, 0 |
| RGB Percent | 36%, 45%, 0% |
| CMY | 0.6431, 0.5451, 1.0000 |
| CMYK | 0.22, 0.00, 1.00, 0.55 |
| HSL | 73°, 100%, 23% |
| HSV | 73°, 100%, 45% |
| XYZ | 10.5598, 14.7149, 2.2837 |
| YIQ | 95.3010, 22.3360, -41.3760 |

Conversions

Conversions Part 2

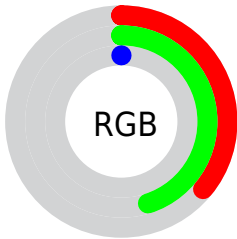
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 116, 25 |
| Decimal | 5993472 |
| CIELab | 45.24, -23.60, 50.43 |
| CIELCh | 45, 55.683, 115.081 |
| Yxy | 14.7149, 0.3832, 0.5340 |
| Android (android.graphics.Color) | 4284183552 (0xFF5B7400) |
| YUV | 95.3010, -46.9834, -3.7720 |
| Hunter-Lab | 38.3600, -17.9925, 23.3223 |

Details

The Hex color **5B7400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **190074**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **91A83E**, and **284400** is the 20% darker color. If you saturate the color by 10%, you get **5B7400**, and if you desaturate by 10%, it is **5E740C**.

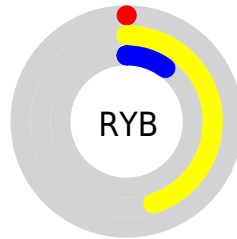
Distribution



Red (36%)

Green (45%)

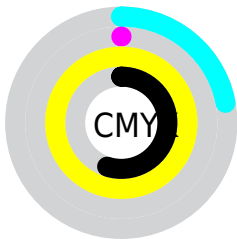
Blue (0%)



Red (0%)

Yellow (45%)

Blue (10%)

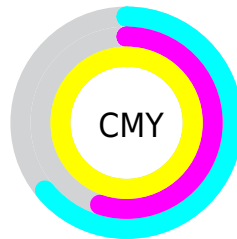


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7400 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 5B7400 by changing the saturation by 10% instead.



5B7400



5B7400

FFFFFFE



415B00



91A83E



284400



ACC358



0C2D00



C9DF72



001B00



E5FC8D



000000



FFFFA8



FFFFC4



FFFFE1



5B7400

 5E740C

 607417

 637423

 65742E

 68743A

 6A7446

 6D7451

 6F745D

 727468

Harmonies

Analogous

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



876600



5B7400



0A7C32

Triad

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



5B7400



007DB7



B93B75

Complementary

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



5B7400



190074

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.



9B4CA1



5B7400



0073C8

Square

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



5B7400



008091



5A62C0



BC3F47

Rectangle

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



5B7400



007F51



5A62C0



B23F84

Sweetspot

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



5B7400



8D9669



741700



474D31



CCCCCC



4D4D4D

Same Dimension

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



5B7400



769600



237400



393B35



607A00



C4FA00

Inverse Universe

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



190074



200096



510074



36353B



1A007A



3600FA

Previews

White Background



This preview shows how the Hex color 5B7400 looks on a white background.

Color Contrast Check

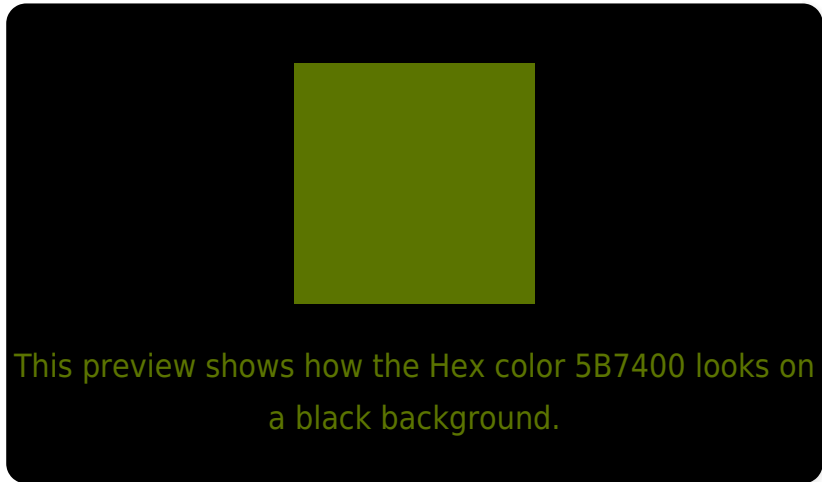
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B7400 Background



This preview shows how black text looks on a background with the Hex color 5B7400.



This preview shows how white text looks on a background with the Hex color 5B7400.

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](#).

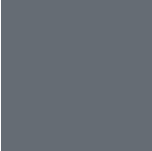
Dichromacy



Original Color
5B7400

Protanopia
796B00

Deuteranopia
876515



Tritanopia
656C74

Trichromacy



Original Color
5B7400

Protanomaly
6E6E00

Deuteranomaly
776A0D

Tritanomaly
616F4A

Monochromacy



Original Color
5B7400

Achromatopsia
5F5F5F

Achromatomaly
5E673C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7400 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 #5B7400 looks like.

```
.text, #text, p{  
    color:#5B7400  
}
```

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 #5B7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7400
}
```

Border

The CSS property to change the border of an element to Hex 5B7400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

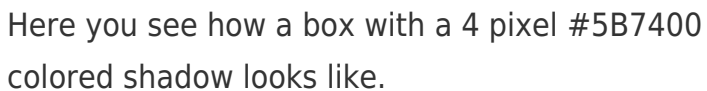
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B7400 }
```

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

```
.border{ border-color:#5B7400 }
```

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



Here you see how a box with a 4 pixel #5B7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7400; -webkit-box-shadow:4px 4px  
4px 4px #5B7400; box-shadow:4px 4px 4px  
4px #5B7400 }
```

Background

The CSS property to change the background color of an element to Hex 5B7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7400 }
```

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

```
.background{ background-color:#5B7400 }
```

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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