

Converting Colors

Hex(5B7000)

Have a look what the booklet for
Hex(5B7000) contains.

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Color

Hex(5B7000)

Conversions

Conversions Part 1

Format	Color
Hex	5B7000
RGB	91, 112, 0
RGB Percent	36%, 44%, 0%
CMY	0.6431, 0.5608, 1.0000
CMYK	0.19, 0.00, 1.00, 0.56
HSL	71°, 100%, 22%
HSV	71°, 100%, 44%
XYZ	10.1086, 13.8125, 2.1333
YIQ	92.9530, 23.4360, -39.2840

Conversions

Conversions Part 2

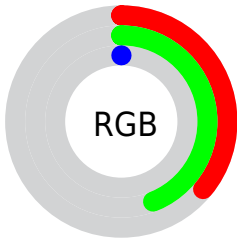
Format	Color
RYB	0, 112, 21
Decimal	5992448
CIELab	43.96, -21.57, 49.47
CIELCh	44, 53.964, 113.556
Yxy	13.8125, 0.3880, 0.5301
Android (android.graphics.Color)	4284182528 (0xFF5B7000)
YUV	92.9530, -45.8258, -1.7128
Hunter-Lab	37.1652, -16.4888, 22.6123

Details

The Hex color **5B7000** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **150070**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **90A43D**, and **284000** is the 20% darker color. If you saturate the color by 10%, you get **5B7000**, and if you desaturate by 10%, it is **5D700B**.

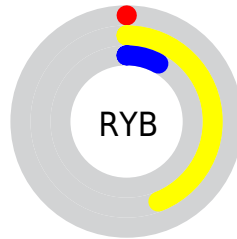
Distribution



Red (36%)

Green (44%)

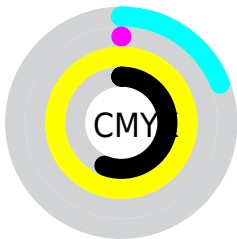
Blue (0%)



Red (0%)

Yellow (44%)

Blue (8%)

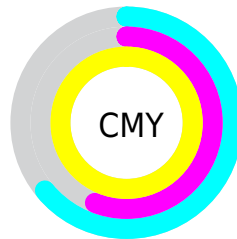


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7000 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 5B7000 by changing the saturation by 10% instead.

 5B7000

 5B7000

 FFFFFC

 415800

 90A43D

 284000

 ACBF57

 0D2A00

 C8DB71

 001600

 E5F78C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 5B7000

 5D700B

 5F7016

 617022

 63702D

 667038

 687043

 6A704E

 6C705A

 6E7065

Harmonies

Analogous

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



856200



5B7000



16782F

Triad

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



5B7000



0079B0



B23A74

Complementary

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



5B7000



150070

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.



944B9E



5B7000



0070C1

Square

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



5B7000



007C8B



5360BB



B63D47

Rectangle

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



5B7000



007B4D



5360BB



AC3E82

Sweetspot

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



5B7000



899166



701500



454A2F



C9C9C9



4A4A4A

Same Dimension

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



5B7000



769100



237000



373832



617800



C9F700

Inverse Universe

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



150070



1B0091



4D0070



343238



160078



2E00F7

Previews

White Background



This preview shows how the Hex color 5B7000 looks on a white background.

Color Contrast Check

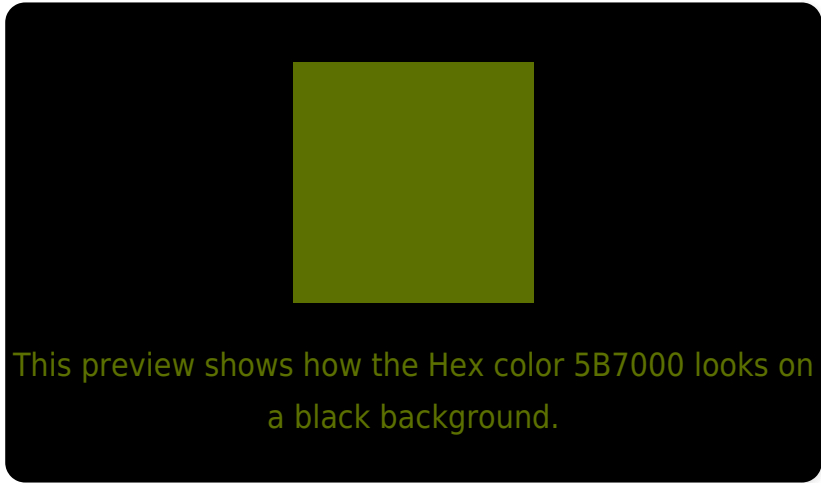
Large Text (above 18pt) WCAG AA ✓ Pass

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

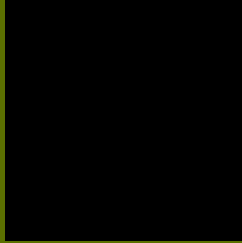
Any Text WCAG AA × Fail

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 5B7000 Background



This preview shows how black text looks on a background with the Hex color 5B7000.



This preview shows how white text looks on a background with the Hex color 5B7000.

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
5B7000

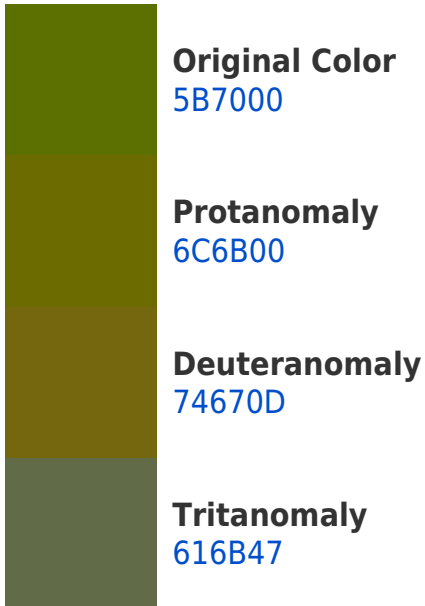
Protanopia
756800

Deuteranopia
836214



Tritanopia
646870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7000 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 #5B7000 looks like.

```
.text, #text, p{  
    color:#5B7000  
}
```

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 #5B7000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7000
}
```

Border

The CSS property to change the border of an element to Hex 5B7000 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
#5B7000 }
```

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

```
.border{ border-color:#5B7000 }
```

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

Here you see how a box with a 4 pixel #5B7000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7000; -webkit-box-shadow:4px 4px  
4px 4px #5B7000; box-shadow:4px 4px 4px  
4px #5B7000 }
```

Background

The CSS property to change the background color of an element to Hex 5B7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7000 }
```

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

```
.background{ background-color:#5B7000 }
```

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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