

Converting Colors

Hex(5D6800)

Have a look what the booklet for
Hex(5D6800) contains.

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Color

Hex(5D6800)

Conversions

Conversions Part 1

Format	Color
Hex	5D6800
RGB	93, 104, 0
RGB Percent	36%, 41%, 0%
CMY	0.6353, 0.5922, 1.0000
CMYK	0.11, 0.00, 1.00, 0.59
HSL	66°, 100%, 20%
HSV	66°, 100%, 41%
XYZ	9.4645, 12.2278, 1.8614
YIQ	88.8550, 26.8280, -34.6760

Conversions

Conversions Part 2

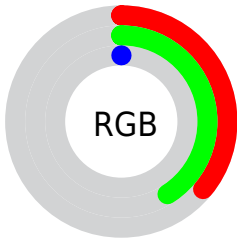
Format	Color
RYB	0, 104, 11
Decimal	6121472
CIELab	41.58, -16.42, 47.75
CIELCh	42, 50.492, 108.978
Yxy	12.2278, 0.4018, 0.5191
Android (android.graphics.Color)	4284311552 (0xFF5D6800)
YUV	88.8550, -43.8055, 3.6352
Hunter-Lab	34.9682, -12.8816, 21.3218

Details

The Hex color **5D6800** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0068**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **929B3B**, and **2B3900** is the 20% darker color. If you saturate the color by 10%, you get **5D6800**, and if you desaturate by 10%, it is **5E680A**.

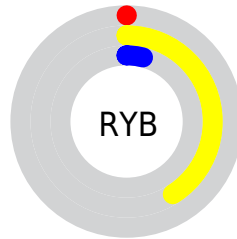
Distribution



Red (36%)

Green (41%)

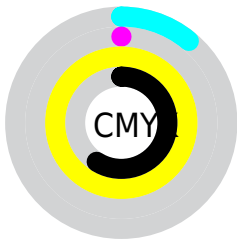
Blue (0%)



Red (0%)

Yellow (41%)

Blue (4%)

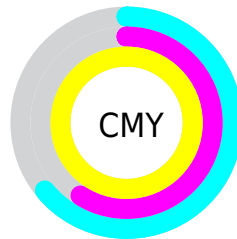


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (64%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6800 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 5D6800 by changing the saturation by 10% instead.

 5D6800

 5D6800

 FFFFF9

 445000

 929B3B

 2B3900

 AEB655

 122400

 CAD16F

 000B00

 E7EE89

 000000

 FFFFA4

 FFFFC0

 FFFFDC

 5D6800

 5E680A

 5F6815

 60681F

 61682A

 626834

 64683E

 656849

 666853

 67685E

Harmonies

Analogous

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



835B00



5D6800



287027

Triad

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



5D6800



0073A0



A53A73

Complementary

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



5D6800



0B0068

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.



844B99



5D6800



006BB4

Square

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



5D6800



00757C



415EB1



AC3A4A

Rectangle

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



5D6800



007343



415EB1



9D3E81

Sweetspot

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



5D6800



83875F



680A00



42452C



C4C4C4



454545

Same Dimension

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



5D6800



798700



2A6800



32332E



677300



D9F200

Inverse Universe

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



0B0068



0E0087



3E0068



2E2E33



0C0073



1A00F2

Previews

White Background



This preview shows how the Hex color 5D6800 looks on a white background.

Color Contrast Check

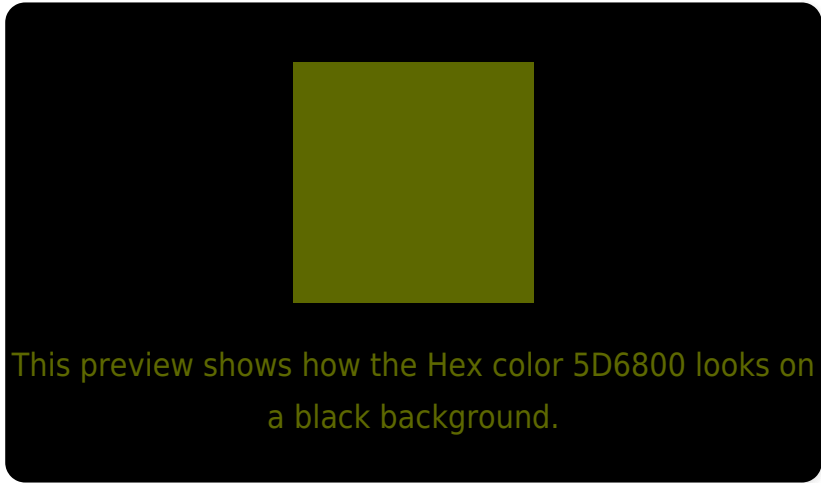
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D6800 Background



This preview shows how black text looks on a background with the Hex color 5D6800.



This preview shows how white text looks on a background with the Hex color 5D6800.

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
5D6800

Protanopia
6F6200

Deuteranopia
7C5D11



Tritanopia
656168

Trichromacy



Original Color
5D6800

Protanomaly
686400

Deuteranomaly
71610B

Tritanomaly
626442

Monochromacy



Original Color
5D6800

Achromatopsia
595959

Achromatomaly
5A5E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6800 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 #5D6800 looks like.

```
.text, #text, p{  
    color:#5D6800  
}
```

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 #5D6800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6800
}
```

Border

The CSS property to change the border of an element to Hex 5D6800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

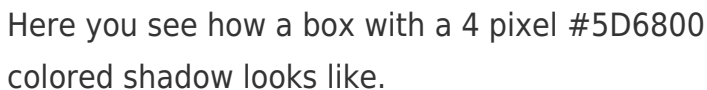
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D6800 }
```

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

```
.border{ border-color:#5D6800 }
```

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



Here you see how a box with a 4 pixel #5D6800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6800; -webkit-box-shadow:4px 4px  
4px 4px #5D6800; box-shadow:4px 4px 4px  
4px #5D6800 }
```

Background

The CSS property to change the background color of an element to Hex 5D6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6800 }
```

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

```
.background{ background-color:#5D6800 }
```

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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