

Converting Colors

Hex(5D7D35)

Have a look what the booklet for
Hex(5D7D35) contains.

Hex(5D7D35)	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(5D7D35)

Conversions

Conversions Part 1

Format	Color
Hex	5D7D35
RGB	93, 125, 53
RGB Percent	36%, 49%, 21%
CMY	0.6353, 0.5098, 0.7922
CMYK	0.26, 0.00, 0.58, 0.51
HSL	87°, 40%, 35%
HSV	87°, 58%, 49%
XYZ	12.4904, 17.2514, 6.0397
YIQ	107.2240, 4.0400, -29.1760

Conversions

Conversions Part 2

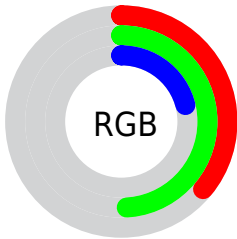
Format	Color
RYB	53, 125, 85
Decimal	6126901
CIELab	48.58, -24.14, 35.06
CIELCh	49, 42.567, 124.545
Yxy	17.2514, 0.3491, 0.4821
Android (android.graphics.Color)	4284316981 (0xFF5D7D35)
YUV	107.2240, -26.7324, -12.4744
Hunter-Lab	41.5348, -19.0072, 20.4529

Details

The Hex color **5D7D35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55357D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **91B266**, and **2B4C03** is the 20% darker color. If you saturate the color by 10%, you get **577D28**, and if you desaturate by 10%, it is **637D41**.

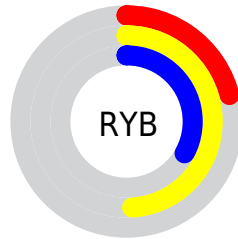
Distribution



Red (36%)

Green (49%)

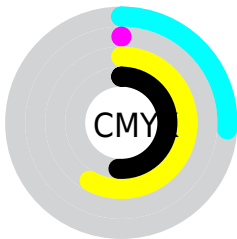
Blue (21%)



Red (21%)

Yellow (49%)

Blue (33%)

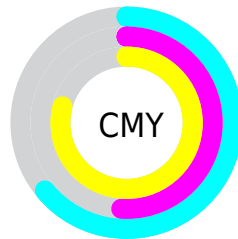


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D7D35 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 5D7D35 by changing the saturation by 10% instead.



5D7D35



5D7D35

FFFFFF



44641D



91B266



2B4C03



ACCD80



153500



C8EA9A



002000



E5FFB5



000000



FFFFD1



FFFEE



5D7D35



5D7D35



577D28



637D41

■ 527D1C

■ 687D4E

■ 4C7D0F

■ 6E7D5A

■ 477D03

■ 737D67

■ 457D00

■ 797D73

■ 7E7D80

■ 847D8C

■ 897D99

■ 8F7DA5

Harmonies

Analogous

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



827327



5D7D35



278353

Triad

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



5D7D35



007FB4



B5536F

Complementary

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



5D7D35



55357D

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.



A45A93



5D7D35



3875BB

Square

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



5D7D35



00849B



7D68AF



B3594C

Rectangle

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



5D7D35



00856B



7D68AF



B2547B

Sweetspot

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



5D7D35



97A387



7D5435



4A5241



D1D1D1



525252

Same Dimension

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



5D7D35



71A333



3A7D35



3D4039



478000



000000

Inverse Universe

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



55357D



6533A3



78357D



3C3940



390080



000000

Previews

White Background



This preview shows how the Hex color 5D7D35 looks on a white background.

Color Contrast Check

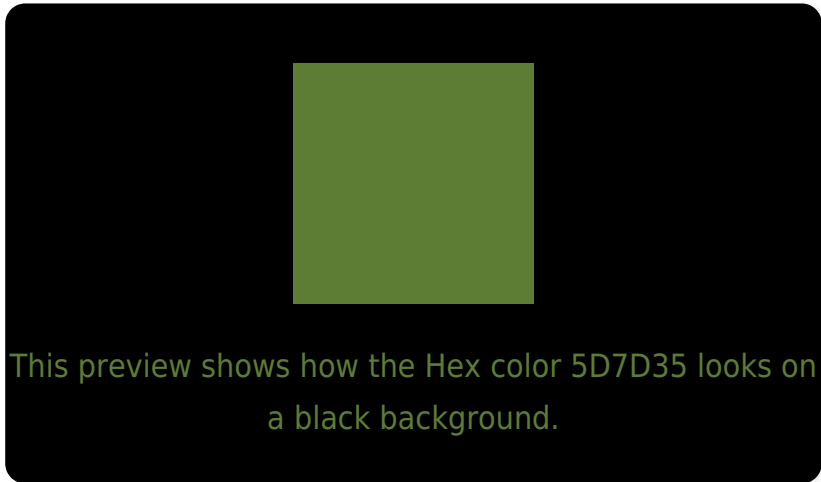
Large Text (above 18pt) WCAG AA ✓ Pass

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

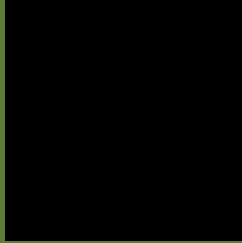
Any Text WCAG AA × Fail

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 5D7D35 Background



This preview shows how black text looks on a background with the Hex color 5D7D35.



This preview shows how white text looks on a background with the Hex color 5D7D35.

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](#).

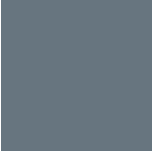
Dichromacy



Original Color
5D7D35

Protanopia
807332

Deuteranopia
8E6E39



Tritanopia
67757F

Trichromacy



Original Color
5D7D35

Protanomaly
737733

Deuteranomaly
7C7338

Tritanomaly
637864

Monochromacy



Original Color
5D7D35

Achromatopsia
6B6B6B

Achromatomaly
667257

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D7D35 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 #5D7D35 looks like.

```
.text, #text, p{  
    color:#5D7D35  
}
```

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 #5D7D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7D35
}
```

Border

The CSS property to change the border of an element to Hex 5D7D35 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".

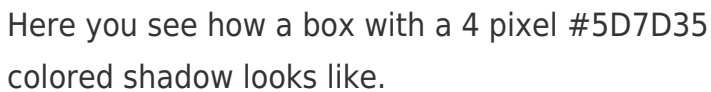
```
.border, #border, table{ border:4px solid
#5D7D35 }
```

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

```
.border{ border-color:#5D7D35 }
```

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

Here you see how a box with a 4 pixel #5D7D35 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7D35; -webkit-box-shadow:4px 4px  
4px 4px #5D7D35; box-shadow:4px 4px 4px  
4px #5D7D35 }
```

Background

The CSS property to change the background color of an element to Hex 5D7D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7D35 }
```

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

```
.background{ background-color:#5D7D35 }
```

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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