

Converting Colors

Hex(6D7531)

Have a look what the booklet for
Hex(6D7531) contains.

Hex(6D7531)	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(6D7531)

Conversions

Conversions Part 1

Format	Color
Hex	6D7531
RGB	109, 117, 49
RGB Percent	43%, 46%, 19%
CMY	0.5725, 0.5412, 0.8078
CMYK	0.07, 0.00, 0.58, 0.54
HSL	67°, 41%, 33%
HSV	67°, 58%, 46%
XYZ	13.2223, 16.1955, 5.3349
YIQ	106.8560, 17.0600, -22.8440

Conversions

Conversions Part 2

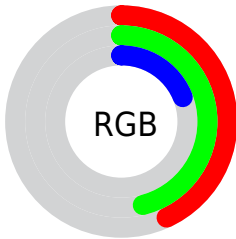
Format	Color
RYB	49, 117, 57
Decimal	7173425
CIELab	47.23, -13.47, 35.83
CIELCh	47, 38.280, 110.598
Yxy	16.1955, 0.3805, 0.4660
Android (android.graphics.Color)	4285363505 (0xFF6D7531)
YUV	106.8560, -28.5230, 1.8803
Hunter-Lab	40.2437, -11.7790, 20.3108

Details

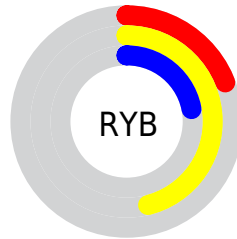
The Hex color **6D7531** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393175**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A2A962**, and **3B4500** is the 20% darker color. If you saturate the color by 10%, you get **6C7525**, and if you desaturate by 10%, it is **6E753D**.

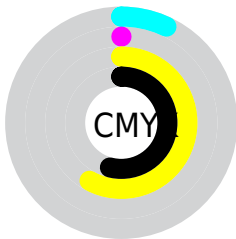
Distribution



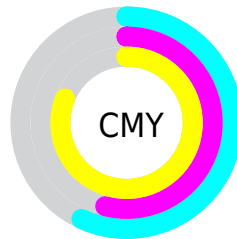
- Red (43%)
- Green (46%)
- Blue (19%)



- Red (19%)
- Yellow (46%)
- Blue (22%)



- Cyan (7%)
- Magenta (0%)
- Yellow (58%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7531 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 6D7531 by changing the saturation by 10% instead.

 6D7531

 6D7531

FFFFFF

 545C19

 A2A962

 3B4500

 BEC47B

 242F00

 DAE096

 061B00

 F7FDB1

 000000

 FFFFCC

 FFFFEE9

 6D7531

 6D7531

 6C7525

 6E753D

■ 6A751A

■ 707548

■ 69750E

■ 717554

■ 677502

■ 737560

■ 677500

■ 74756C

■ 757577

■ 777583

■ 78758F

■ 79759A

Harmonies

Analogous

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



8C6B2F



6D7531



477C46

Triad

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



6D7531



007DA1



A6567C

Complementary

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



6D7531



393175

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.



8E5F99



6D7531



0676AF

Square

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



6D7531



008086



626CAC



AC565B

Rectangle

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



6D7531



227F59



626CAC



A05886

Sweetspot

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



6D7531



96997F



753931



4B4D3D



CCCCCC



4D4D4D

Same Dimension

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



6D7531



8C992E



4B7531



3A3B35



6C7A00



DCFA00

Inverse Universe

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



393175



3A2E99



5B3175



35353B



0E007A



1D00FA

Previews

White Background



This preview shows how the Hex color 6D7531 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

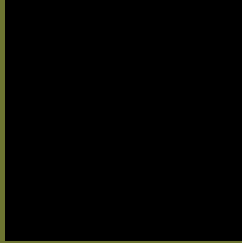
Any Text WCAG AA × Fail

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 6D7531 Background



This preview shows how black text looks on a background with the Hex color 6D7531.



This preview shows how white text looks on a background with the Hex color 6D7531.

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
6D7531

Protanopia
7C7030

Deuteranopia
8A6A34



Tritanopia
746E76

Trichromacy



Original Color
6D7531

Protanomaly
777230

Deuteranomaly
7F6E33

Tritanomaly
71715D

Monochromacy



Original Color
6D7531

Achromatopsia
6B6B6B

Achromatomaly
6C6F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7531 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 #6D7531 looks like.

```
.text, #text, p{  
    color:#6D7531  
}
```

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 #6D7531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7531
}
```

Border

The CSS property to change the border of an element to Hex 6D7531 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
#6D7531 }
```

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

```
.border{ border-color:#6D7531 }
```

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

Here you see how a box with a 4 pixel #6D7531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7531; -webkit-box-shadow:4px 4px  
4px 4px #6D7531; box-shadow:4px 4px 4px  
4px #6D7531 }
```

Background

The CSS property to change the background color of an element to Hex 6D7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7531 }
```

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

```
.background{ background-color:#6D7531 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor