

Converting Colors

Hex(6D6137)

Have a look what the booklet for
Hex(6D6137) contains.

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Color

Hex(6D6137)

Conversions

Conversions Part 1

Format	Color
Hex	6D6137
RGB	109, 97, 55
RGB Percent	43%, 38%, 22%
CMY	0.5725, 0.6196, 0.7843
CMYK	0.00, 0.11, 0.50, 0.57
HSL	47°, 33%, 32%
HSV	47°, 50%, 43%
XYZ	11.2710, 12.0764, 5.3514
YIQ	95.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

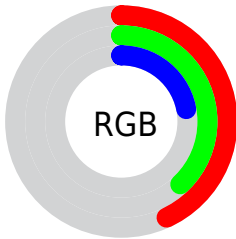
Format	Color
RYB	70, 109, 55
Decimal	7168311
CIELab	41.34, -1.50, 25.60
CIELCh	41, 25.642, 93.347
Yxy	12.0764, 0.3927, 0.4208
Android (android.graphics.Color)	4285358391 (0xFF6D6137)
YUV	95.8000, -20.1144, 11.5764
Hunter-Lab	34.7512, -2.9211, 15.1957

Details

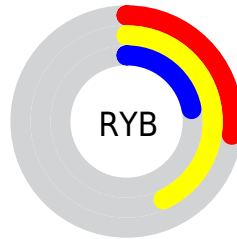
The Hex color **6D6137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37436D**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A29367**, and **3C330A** is the 20% darker color. If you saturate the color by 10%, you get **6D5F2C**, and if you desaturate by 10%, it is **6D6342**.

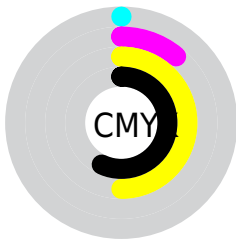
Distribution



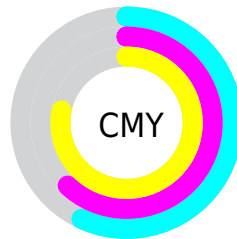
- Red (43%)
- Green (38%)
- Blue (22%)



- Red (27%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6137 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 6D6137 by changing the saturation by 10% instead.



6D6137



6D6137

FFFFFF



544921



A29367



3C330A



BDAE80



251E00



D9C99A



040600



F6E5B5



000000



FFFFD1



FFFFED



6D6137



6D6137



6D5F2C



6D6342

■ 6D5C21

■ 6D664D

■ 6D5A16

■ 6D6858

■ 6D570B

■ 6D6B63

■ 6D5501

■ 6D6D6E

■ 6D5500

■ 6D7078

■ 6D7283

■ 6D748E

■ 6D7799

Harmonies

Analogous

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



7F5A3C



6D6137



57673E

Triad

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



6D6137



006C78



7E5475

Complementary

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



6D6137



37436D

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.



675B85



6D6137



206987

Square

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



6D6137



1F6D63



47638B



895160

Rectangle

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



6D6137



466A48



47638B



78567B

Sweetspot

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



6D6137



8F8A79



6D3744



47453B



C7C7C7



474747

Same Dimension

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



6D6137



8F7C3B



5F6D37



363430



755B00



F5BE00

Inverse Universe

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



37436D



3B4D8F



45376D



303136



001A75



0036F5

Previews

White Background



This preview shows how the Hex color 6D6137 looks on a white background.

Color Contrast Check

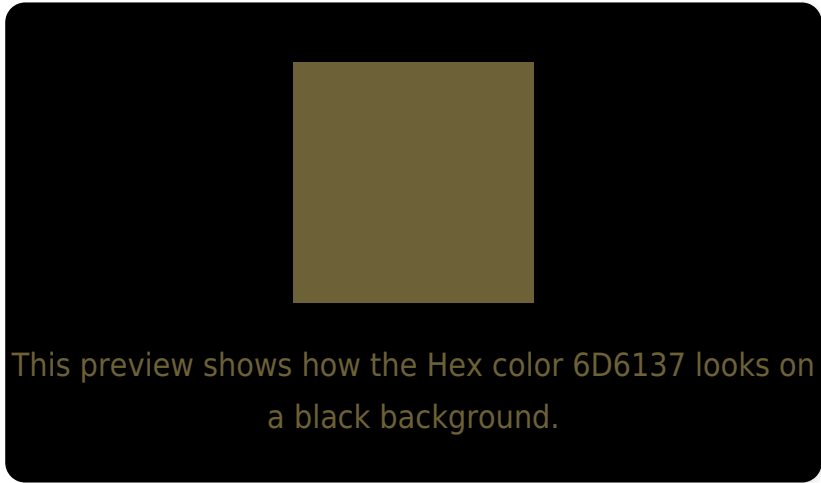
Large Text (above 18pt) WCAG AA ✓ Pass

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

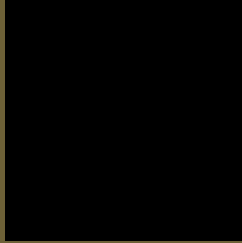
Any Text WCAG AA × Fail

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 6D6137 Background



This preview shows how black text looks on a background with the Hex color 6D6137.

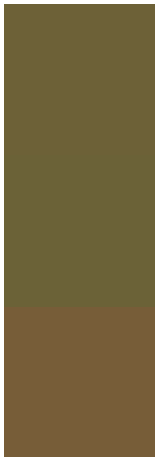


This preview shows how white text looks on a background with the Hex color 6D6137.

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
6D6137

Protanopia
6B6237

Deuteranopia
775D38



Tritanopia
715C63

Trichromacy



Original Color
6D6137

Protanomaly
6C6237

Deuteranomaly
735E38

Tritanomaly
705E53

Monochromacy



Original Color
6D6137

Achromatopsia
606060

Achromatomaly
656051

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6137 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 #6D6137 looks like.

```
.text, #text, p{  
    color:#6D6137  
}
```

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 #6D6137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6137  
}
```

Border

The CSS property to change the border of an element to Hex 6D6137 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  
#6D6137 }
```

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

```
.border{ border-color:#6D6137 }
```

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

Here you see how a box with a 4 pixel #6D6137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6137; -webkit-box-shadow:4px 4px  
4px 4px #6D6137; box-shadow:4px 4px 4px  
4px #6D6137 }
```

Background

The CSS property to change the background color of an element to Hex 6D6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6137 }
```

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

```
.background{ background-color:#6D6137 }
```

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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