

Converting Colors

Hex(6B7037)

Have a look what the booklet for
Hex(6B7037) contains.

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Color

Hex(6B7037)

Conversions

Conversions Part 1

Format	Color
Hex	6B7037
RGB	107, 112, 55
RGB Percent	42%, 44%, 22%
CMY	0.5804, 0.5608, 0.7843
CMYK	0.04, 0.00, 0.51, 0.56
HSL	65°, 34%, 33%
HSV	65°, 51%, 44%
XYZ	12.5472, 14.9900, 5.8465
YIQ	104.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

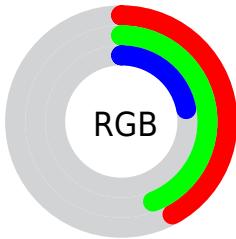
Format	Color
RYB	55, 112, 60
Decimal	7041079
CIELab	45.62, -11.02, 30.79
CIELCh	46, 32.701, 109.688
Yxy	14.9900, 0.3758, 0.4490
Android (android.graphics.Color)	4285231159 (0xFF6B7037)
YUV	104.0070, -24.1605, 2.6249
Hunter-Lab	38.7169, -9.9072, 18.1487

Details

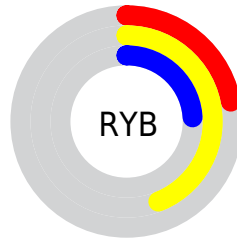
The Hex color **6B7037** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3C3770**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A0A467**, and **3A4008** is the 20% darker color. If you saturate the color by 10%, you get **6A702C**, and if you desaturate by 10%, it is **6C7042**.

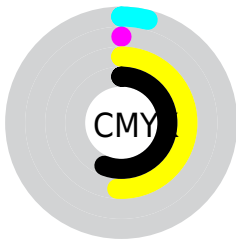
Distribution



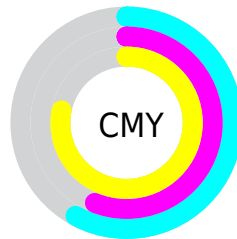
- Red (42%)
- Green (44%)
- Blue (22%)



- Red (22%)
- Yellow (44%)
- Blue (24%)



- Cyan (4%)
- Magenta (0%)
- Yellow (51%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B7037 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 6B7037 by changing the saturation by 10% instead.



6B7037



6B7037

FFFFFF



525820



A0A467



3A4008



BBBF81



242A00



D7DA9B



031700



F4F7B6



000000



FFFFD2



FFFFEF



6B7037



6B7037



6A702C



6C7042

697021

6D704D

687015

6E7059

67700A

6F7064

667000

70706F

71707A

727085

737091

74709C

Harmonies

Analogous

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



856736



6B7037



4B7648

Triad

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



6B7037



007895



9A5777

Complementary

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



6B7037



3C3770

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.



855E90



6B7037



2872A1

Square

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



6B7037



007A7D



60689F



A0575B

Rectangle

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



6B7037



317958



60689F



955980

Sweetspot

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



6B7037



8F917C



703C37



494A3D



C9C9C9



4A4A4A

Same Dimension

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



6B7037



8A9139



4F7037



383832



6D7800



E2F700

Inverse Universe

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



3C3770



403991



583770



333238



0B0078



1600F7

Previews

White Background



This preview shows how the Hex color 6B7037 looks on a white background.

Color Contrast Check

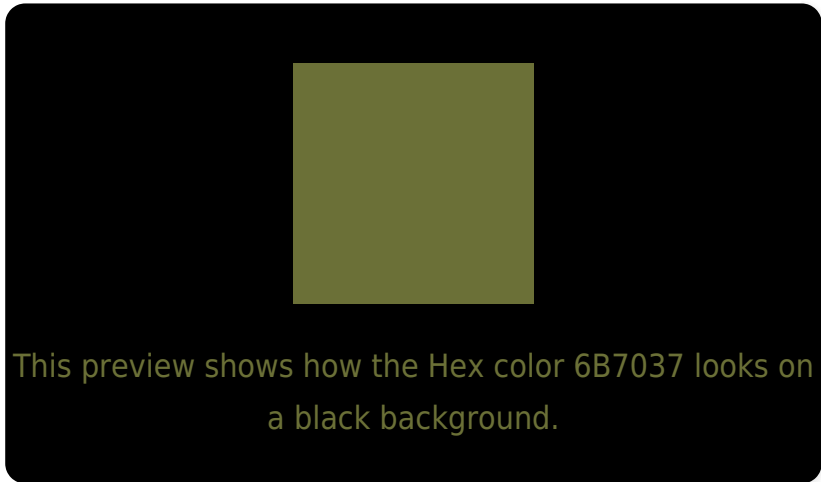
Large Text (above 18pt) WCAG AA ✓ Pass

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

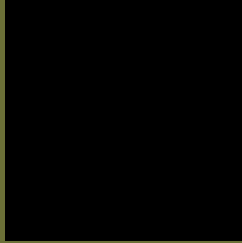
Any Text WCAG AA × Fail

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 6B7037 Background



This preview shows how black text looks on a background with the Hex color 6B7037.



This preview shows how white text looks on a background with the Hex color 6B7037.

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
6B7037

Protanopia
776C36

Deuteranopia
846739



Tritanopia
716A72

Trichromacy



Original Color
6B7037

Protanomaly
736D36

Deuteranomaly
7B6A38

Tritanomaly
6F6C5D

Monochromacy



Original Color
6B7037

Achromatopsia
686868

Achromatomaly
696B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B7037 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 #6B7037 looks like.

```
.text, #text, p{  
    color:#6B7037  
}
```

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 #6B7037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7037  
}
```

Border

The CSS property to change the border of an element to Hex 6B7037 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  
#6B7037 }
```

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

```
.border{ border-color:#6B7037 }
```

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

Here you see how a box with a 4 pixel #6B7037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7037; -webkit-box-shadow:4px 4px  
4px 4px #6B7037; box-shadow:4px 4px 4px  
4px #6B7037 }
```

Background

The CSS property to change the background color of an element to Hex 6B7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7037 }
```

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

```
.background{ background-color:#6B7037 }
```

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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