

Converting Colors

Hex(6A7030)

Have a look what the booklet for
Hex(6A7030) contains.

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Color

Hex(6A7030)

Conversions

Conversions Part 1

Format	Color
Hex	6A7030
RGB	106, 112, 48
RGB Percent	42%, 44%, 19%
CMY	0.5843, 0.5608, 0.8118
CMYK	0.05, 0.00, 0.57, 0.56
HSL	66°, 40%, 31%
HSV	66°, 57%, 44%
XYZ	12.2715, 14.8659, 5.0189
YIQ	102.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

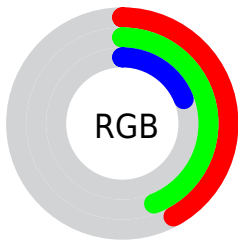
Format	Color
RYB	48, 112, 54
Decimal	6975536
CIELab	45.45, -12.16, 34.24
CIELCh	45, 36.333, 109.553
Yxy	14.8659, 0.3816, 0.4623
Android (android.graphics.Color)	4285165616 (0xFF6A7030)
YUV	102.9100, -27.0706, 2.7099
Hunter-Lab	38.5563, -10.6615, 19.2716

Details

The Hex color **6A7030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **363070**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9FA460**, and **394000** is the 20% darker color. If you saturate the color by 10%, you get **697025**, and if you desaturate by 10%, it is **6B703B**.

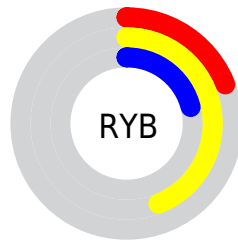
Distribution



Red (42%)

Green (44%)

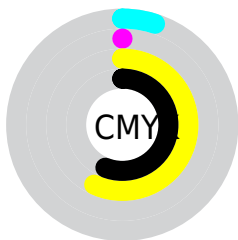
Blue (19%)



Red (19%)

Yellow (44%)

Blue (21%)

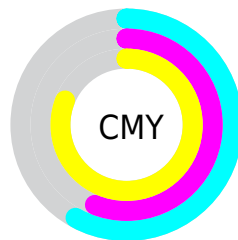


Cyan (5%)

Magenta (0%)

Yellow (57%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A7030 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 6A7030 by changing the saturation by 10% instead.

 6A7030

 6A7030

FFFFFF

 515818

 9FA460

 394000

 BABF7A

 222A00

 D7DA94

 001700

 F3F7AF

 000000

 FFFFCE

 FFFFEE

 6A7030

 6A7030

 697025

 6B703B

■ 68701A

■ 6C7046

■ 67700E

■ 6D7052

■ 667003

■ 6E705D

■ 667000

■ 6F7068

■ 707073

■ 71707E

■ 72708A

■ 737095

Harmonies

Analogous

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



87662F



6A7030



477743

Triad

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



6A7030



007899



9E5378

Complementary

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



6A7030



363070

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.



875C93



6A7030



0A72A7

Square

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



6A7030



007B7F



5D68A5



A55359

Rectangle

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



6A7030



267955



5D68A5



995581

Sweetspot

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



6A7030



8F9179



703530



494A3B



C9C9C9



4A4A4A

Same Dimension

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



6A7030



88912D



4B7030



383832



6D7800



E0F700

Inverse Universe

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



363070



362D91



553070



333238



0B0078



1700F7

Previews

White Background



This preview shows how the Hex color 6A7030 looks on a white background.

Color Contrast Check

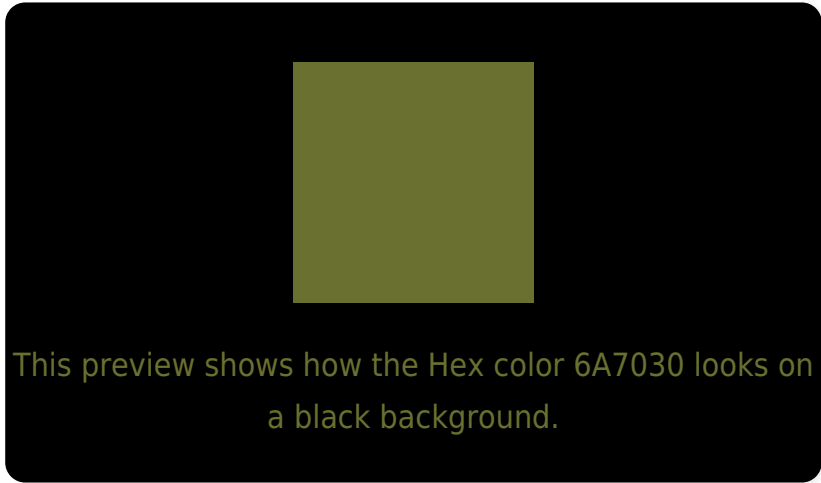
Large Text (above 18pt) WCAG AA ✓ Pass

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

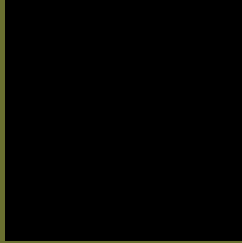
Any Text WCAG AA × Fail

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 6A7030 Background



This preview shows how black text looks on a background with the Hex color 6A7030.



This preview shows how white text looks on a background with the Hex color 6A7030.

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
6A7030

Protanopia
786C2F

Deuteranopia
856633



Tritanopia
716971

Trichromacy



Original Color
6A7030

Protanomaly
736D2F

Deuteranomaly
7B6A32

Tritanomaly
6E6C59

Monochromacy



Original Color
6A7030

Achromatopsia
676767

Achromatomaly
686A53

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7030 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 #6A7030 looks like.

```
.text, #text, p{  
    color:#6A7030  
}
```

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 #6A7030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7030
}
```

Border

The CSS property to change the border of an element to Hex 6A7030 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
#6A7030 }
```

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

```
.border{ border-color:#6A7030 }
```

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

Here you see how a box with a 4 pixel #6A7030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7030; -webkit-box-shadow:4px 4px  
4px 4px #6A7030; box-shadow:4px 4px 4px  
4px #6A7030 }
```

Background

The CSS property to change the background color of an element to Hex 6A7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7030 }
```

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

```
.background{ background-color:#6A7030 }
```

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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