

Converting Colors

Hex(6A4130)

Have a look what the booklet for
Hex(6A4130) contains.

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Color

Hex(6A4130)

Conversions

Conversions Part 1

Format	Color
Hex	6A4130
RGB	106, 65, 48
RGB Percent	42%, 25%, 19%
CMY	0.5843, 0.7451, 0.8118
CMYK	0.00, 0.39, 0.55, 0.58
HSL	18°, 38%, 30%
HSV	18°, 55%, 42%
XYZ	8.3677, 7.0582, 3.7176
YIQ	75.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

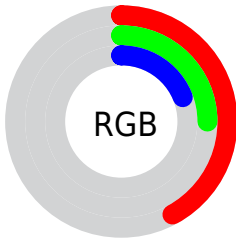
Format	Color
RYB	106, 72, 48
Decimal	6963504
CIELab	31.94, 15.80, 17.77
CIELCh	32, 23.776, 48.366
Yxy	7.0582, 0.4371, 0.3687
Android (android.graphics.Color)	4285153584 (0xFF6A4130)
YUV	75.3210, -13.4693, 26.9055
Hunter-Lab	26.5672, 9.7281, 10.3004

Details

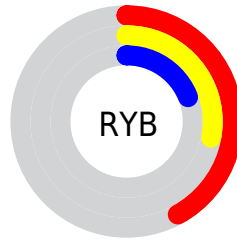
The Hex color **6A4130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **30596A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9F715E**, and **381501** is the 20% darker color. If you saturate the color by 10%, you get **6A3A25**, and if you desaturate by 10%, it is **6A483B**.

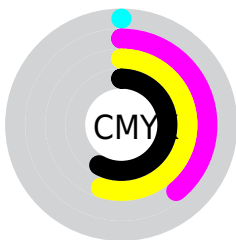
Distribution



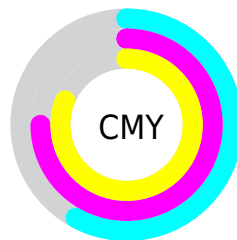
- Red (42%)
- Green (25%)
- Blue (19%)



- Red (42%)
- Yellow (28%)
- Blue (19%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4130 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 6A4130 by changing the saturation by 10% instead.

 6A4130

 6A4130

FFFFFF

 502B1B

 9F715E

 381501

 BB8B77

 220000

 D8A591

 000000

 F5C0AB

 FFDCC7

 FFF9E3

 6A4130

 6A4130

 6A3A25

 6A483B

 6A321B

 6A5045

 6A2B10

 6A5750

 6A2306

 6A5F5A

 6A1F00

 6A6665

 6A6E70

 6A757A

 6A7D85

 6A848F

Harmonies

Analogous

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



6F3D40



6A4130



5D4826

Triad

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



6A4130



1C5443



42496E

Complementary

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



6A4130



30596A

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.



1F4F6F



6A4130



005556

Square

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



6A4130



365232



005366



5B4264

Rectangle

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



6A4130



524C25



005366



374B70

Sweetspot

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



6A4130



8A7A74



6A305A



453C38



C4C4C4



454545

Same Dimension

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



6A4130



8A492F



6A5D30



363230



752200



F54800

Inverse Universe

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



30596A



2F6F8A



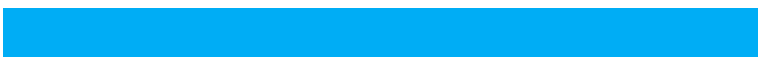
303D6A



303436



005375



00ADF5

Previews

White Background



This preview shows how the Hex color 6A4130 looks on a white background.

Color Contrast Check

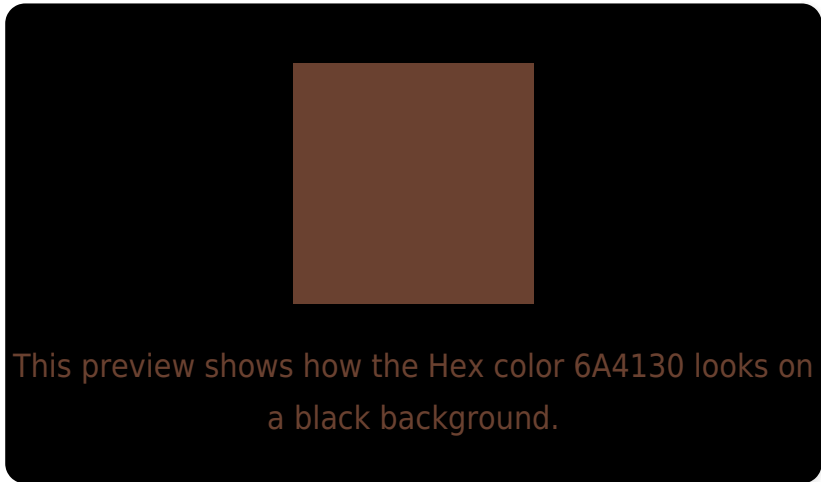
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

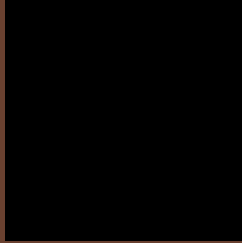
Any Text WCAG AA × Fail

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 6A4130 Background



This preview shows how black text looks on a background with the Hex color 6A4130.

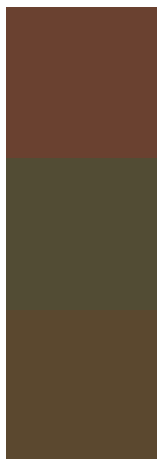


This preview shows how white text looks on a background with the Hex color 6A4130.

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
6A4130

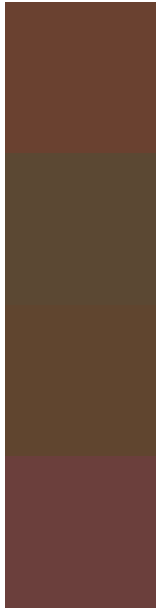
Protanopia
524C34

Deuteranopia
5B482F



Tritanopia
6B3E43

Trichromacy



Original Color
6A4130

Protanomaly
5B4833

Deuteranomaly
60452F

Tritanomaly
6B3F3C

Monochromacy



Original Color
6A4130

Achromatopsia
4B4B4B

Achromatomaly
564741

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4130 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 #6A4130 looks like.

```
.text, #text, p{  
    color:#6A4130  
}
```

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 #6A4130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4130
}
```

Border

The CSS property to change the border of an element to Hex 6A4130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

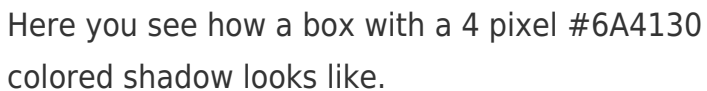
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4130 }
```

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

```
.border{ border-color:#6A4130 }
```

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



Here you see how a box with a 4 pixel #6A4130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4130; -webkit-box-shadow:4px 4px  
4px 4px #6A4130; box-shadow:4px 4px 4px  
4px #6A4130 }
```

Background

The CSS property to change the background color of an element to Hex 6A4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4130 }
```

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

```
.background{ background-color:#6A4130 }
```

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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