

Converting Colors

Hex(6A4940)

Have a look what the booklet for
Hex(6A4940) contains.

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Color

Hex(6A4940)

Conversions

Conversions Part 1

Format	Color
Hex	6A4940
RGB	106, 73, 64
RGB Percent	42%, 29%, 25%
CMY	0.5843, 0.7137, 0.7490
CMYK	0.00, 0.31, 0.40, 0.58
HSL	13°, 25%, 33%
HSV	13°, 40%, 42%
XYZ	9.2518, 8.1994, 5.9455
YIQ	81.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

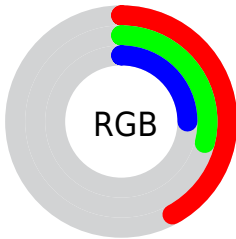
Format	Color
RYB	106, 75, 64
Decimal	6965568
CIELab	34.39, 12.78, 11.01
CIELCh	34, 16.872, 40.740
Yxy	8.1994, 0.3954, 0.3505
Android (android.graphics.Color)	4285155648 (0xFF6A4940)
YUV	81.8410, -8.7956, 21.1874
Hunter-Lab	28.6346, 7.5625, 7.7337

Details

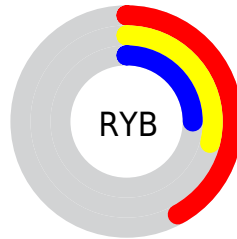
The Hex color **6A4940** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **40616A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9F7A70**, and **391D16** is the 20% darker color. If you saturate the color by 10%, you get **6A4135**, and if you desaturate by 10%, it is **6A514B**.

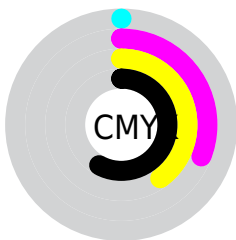
Distribution



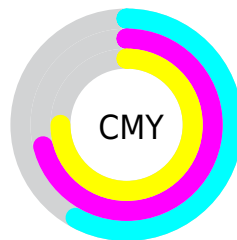
- Red (42%)
- Green (29%)
- Blue (25%)



- Red (42%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6A4940 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 6A4940 by changing the saturation by 10% instead.

 6A4940

 6A4940

FFFFFF

 51322A

 9F7A70

 391D16

 BA9489

 240500

 D6AEA3

 000000

 F3CABE

 FFE6DA

 FFFFF7

 6A4940

 6A4940

 6A4135

 6A514B

 6A382B

 6A5A55

 6A3020

 6A6260

 6A2816

 6A6A6A

 6A1F0B

 6A7375

 6A1700

 6A7B80

 6A838A

 6A8C95

 6A949F

Harmonies

Analogous

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



6C474C



6A4940



624D38

Triad

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



6A4940



375848



47506B

Complementary

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



6A4940



40616A

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.



34556A



6A4940



2A5855

Square

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



6A4940



47553C



285762



594C65

Rectangle

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



6A4940



5A5036



285762



40526B

Sweetspot

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



6A4940



8A7D79



6A4062



453D3B



C4C4C4



454545

Same Dimension

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



6A4940



8A5648



6A5D40



363130



751900



F53400

Inverse Universe

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



40616A



487C8A



404D6A



303436



005C75



00C0F5

Previews

White Background



This preview shows how the Hex color 6A4940 looks on a white background.

Color Contrast Check

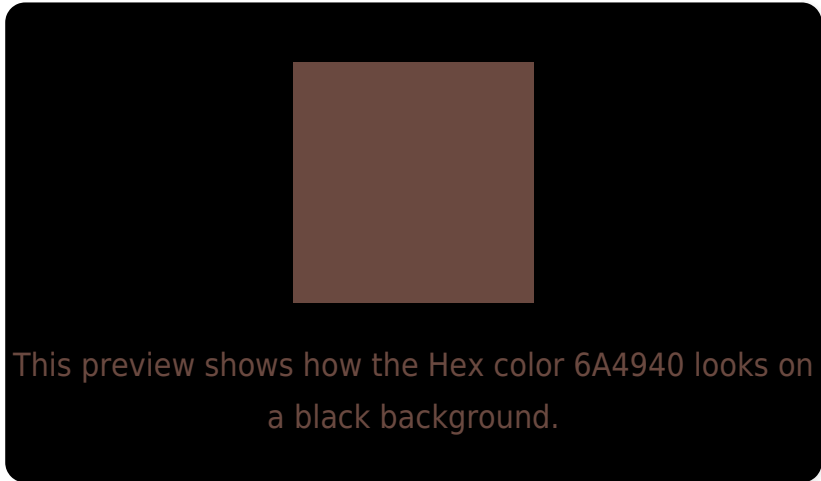
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A4940 Background



This preview shows how black text looks on a background with the Hex color 6A4940.

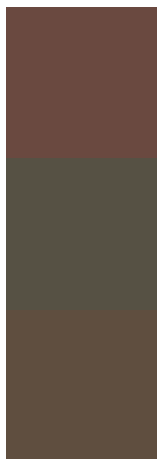


This preview shows how white text looks on a background with the Hex color 6A4940.

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


6A4940

Protanopia

565144

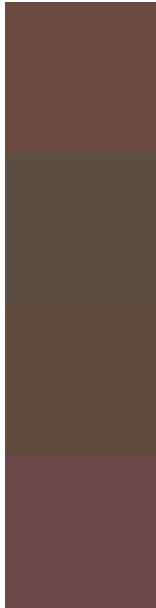
Deuteranopia

5F4E3F



Tritanopia
6B474D

Trichromacy



Original Color
6A4940

Protanomaly
5D4E43

Deuteranomaly
634C3F

Tritanomaly
6B4848

Monochromacy



Original Color
6A4940

Achromatopsia
525252

Achromatomaly
5B4F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4940 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 #6A4940 looks like.

```
.text, #text, p{  
    color:#6A4940  
}
```

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 #6A4940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4940
}
```

Border

The CSS property to change the border of an element to Hex 6A4940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

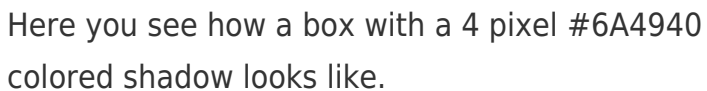
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4940 }
```

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

```
.border{ border-color:#6A4940 }
```

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



Here you see how a box with a 4 pixel #6A4940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4940; -webkit-box-shadow:4px 4px  
4px 4px #6A4940; box-shadow:4px 4px 4px  
4px #6A4940 }
```

Background

The CSS property to change the background color of an element to Hex 6A4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4940 }
```

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

```
.background{ background-color:#6A4940 }
```

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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