

Converting Colors

Hex(6A4C28)

Have a look what the booklet for
Hex(6A4C28) contains.

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Color

Hex(6A4C28)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6A4C28 |
| RGB | 106, 76, 40 |
| RGB Percent | 42%, 30%, 16% |
| CMY | 0.5843, 0.7020, 0.8431 |
| CMYK | 0.00, 0.28, 0.62, 0.58 |
| HSL | 33°, 45%, 29% |
| HSV | 33°, 62%, 42% |
| XYZ | 8.9113, 8.3863, 3.1565 |
| YIQ | 80.8660, 29.4360, -4.8360 |

Conversions

Conversions Part 2

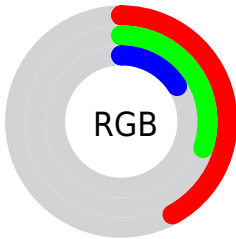
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 95, 106, 40 |
| Decimal | 6966312 |
| CIELab | 34.77, 8.29, 26.10 |
| CIELCh | 35, 27.388, 72.383 |
| Yxy | 8.3863, 0.4357, 0.4100 |
| Android (android.graphics.Color) | 4285156392 (0xFF6A4C28) |
| YUV | 80.8660, -20.1469, 22.0425 |
| Hunter-Lab | 28.9590, 4.2499, 13.8088 |

Details

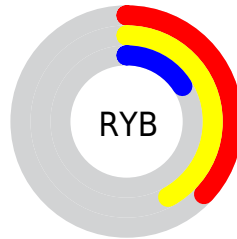
The Hex color **6A4C28** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28466A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A07D56**, and **392000** is the 20% darker color. If you saturate the color by 10%, you get **6A471D**, and if you desaturate by 10%, it is **6A5133**.

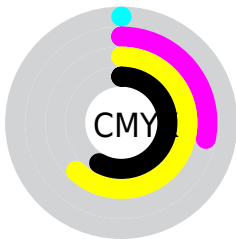
Distribution



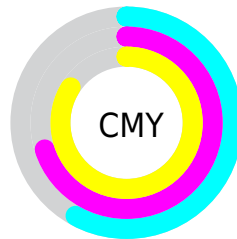
- Red (42%)
- Green (30%)
- Blue (16%)



- Red (37%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (28%)
- Yellow (62%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4C28 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 6A4C28 by changing the saturation by 10% instead.

 6A4C28

 6A4C28

FFFFFF

 503512

 A07D56

 392000

 BB976F

 200A00

 D8B189

 000000

 F5CDA3

 FFE9BE

 FFFFDA

 FFFFF7

 6A4C28

 6A4C28

■ 6A471D

■ 6A5133

■ 6A4213

■ 6A563D

■ 6A3E08

■ 6A5A48

■ 6A3A00

■ 6A5F52

■ 6A645D

■ 6A6968

■ 6A6E72

■ 6A737D

■ 6A7787

Harmonies

Analogous

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



774435



6A4C28



565326

Triad

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



6A4C28



005D5A



5F4972

Complementary

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



6A4C28



28466A

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.



3F517C



6A4C28



005C6F

Square

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



6A4C28



1F5C44



05587B



744260

Rectangle

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



6A4C28



47572C



05587B



564B77

Sweetspot

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



6A4C28



8A7E70



6A2847



453E35



C4C4C4



454545

Same Dimension

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



6A4C28



8A5B22



686A28



363330



754000



F58600

Inverse Universe

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



28466A



22518A



2A286A



303336



003575



006FF5

Previews

White Background



This preview shows how the Hex color 6A4C28 looks on a white background.

Color Contrast Check

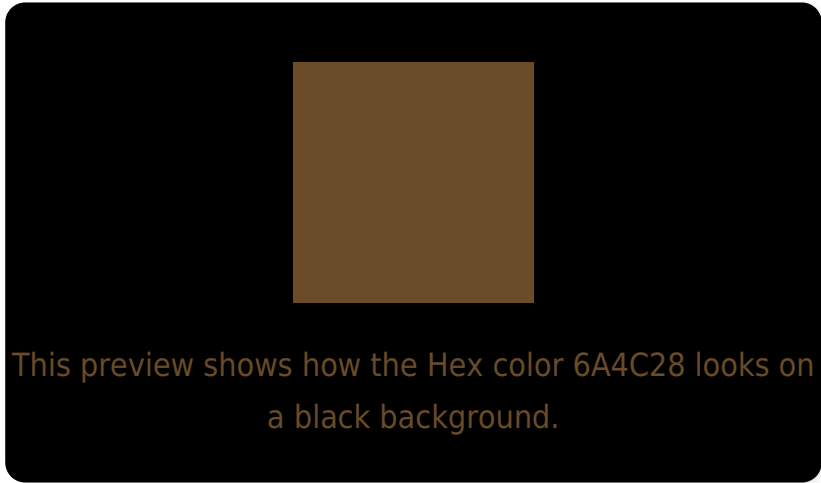
Large Text (above 18pt) WCAG AA ✓ Pass

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

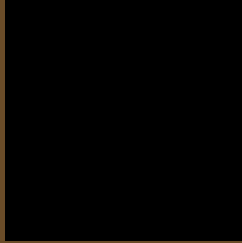
Any Text WCAG AA × Fail

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 6A4C28 Background



This preview shows how black text looks on a background with the Hex color 6A4C28.



This preview shows how white text looks on a background with the Hex color 6A4C28.

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
6A4C28

Protanopia
5B522A

Deuteranopia
654E27



Tritanopia
6D484D

Trichromacy



Original Color
6A4C28

Protanomaly
605029

Deuteranomaly
674D27

Tritanomaly
6C4940

Monochromacy



Original Color
6A4C28

Achromatopsia
515151

Achromatomaly
5A4F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4C28 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 #6A4C28 looks like.

```
.text, #text, p{  
    color:#6A4C28  
}
```

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 #6A4C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4C28
}
```

Border

The CSS property to change the border of an element to Hex 6A4C28 is called "border". The border property can be set on classes, ids or directly on the HTML element.

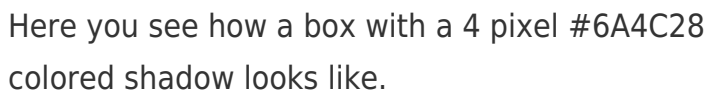
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4C28 }
```

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

```
.border{ border-color:#6A4C28 }
```

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



Here you see how a box with a 4 pixel #6A4C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4C28; -webkit-box-shadow:4px 4px  
4px 4px #6A4C28; box-shadow:4px 4px 4px  
4px #6A4C28 }
```

Background

The CSS property to change the background color of an element to Hex 6A4C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4C28 }
```

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

```
.background{ background-color:#6A4C28 }
```

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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