

# Converting Colors

Hex(6A4A5E)

Have a look what the booklet for  
Hex(6A4A5E) contains.

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# Color

**Hex(6A4A5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A4A5E
RGB	106, 74, 94
RGB Percent	42%, 29%, 37%
CMY	0.5843, 0.7098, 0.6314
CMYK	0.00, 0.30, 0.11, 0.58
HSL	322°, 18%, 35%
HSV	322°, 30%, 42%
XYZ	10.4130, 8.7699, 11.7336
YIQ	85.8480, 12.6520, 13.0040

# Conversions

## Conversions Part 2

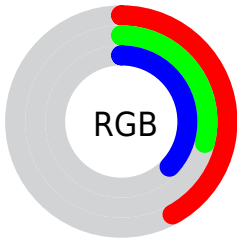
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 74, 94
Decimal	6965854
CIELab	35.54, 17.10, -6.32
CIELCh	36, 18.234, 339.730
Yxy	8.7699, 0.3368, 0.2837
Android (android.graphics.Color)	4285155934 (0xFF6A4A5E)
YUV	85.8480, 4.0189, 17.6733
Hunter-Lab	29.6140, 10.9406, -2.7620

# Details

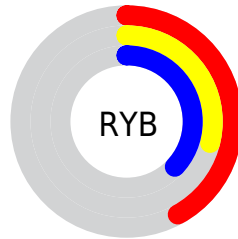
The Hex color **6A4A5E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4A6A56**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9E7B90**, and **3A1D30** is the 20% darker color. If you saturate the color by 10%, you get **6A3F5A**, and if you desaturate by 10%, it is **6A5562**.

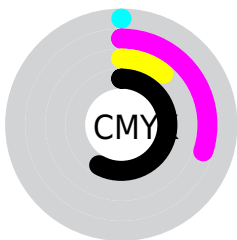
# Distribution



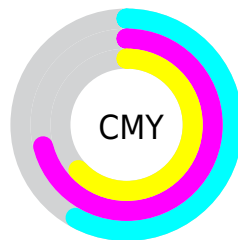
- Red (42%)
- Green (29%)
- Blue (37%)



- Red (42%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A4A5E 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 6A4A5E by changing the saturation by 10% instead.



6A4A5E

6A4A5E

FFFFFF

513346

9E7B90

3A1D30

B995AB

24071B

D5B0C6

000000

F1CBE2

FFE7FF

6A4A5E

6A4A5E

6A3F5A

6A5562

6A3556

6A5F66

6A2A52

6A6A6A

6A204E

6A746E

6A154A

6A7F72

6A0A46

6A8A76

6A0042

6A947A

6A9F7E

6AA982

# Harmonies

## Analogous

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



5C4E6A



6A4A5E



70494F

# Triad

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



6A4A5E



595437



255B66

# Complementary

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



6A4A5E



4A6A56

# 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.



295C58



6A4A5E



49583D

# Square

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



6A4A5E



664F39



385B49



32586F

# Rectangle

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



6A4A5E



704A46



385B49



245B61



# Sweetspot

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



6A4A5E



8A7D85



564A6A



453D42



C4C4C4



454545



# Same Dimension

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



6A4A5E



8A5877



6A4A4E



363034



750049



F50099



# Inverse Universe

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



6A4A5E



8A5877



4A6A66



363034



750049



F50099



# Previews

## White Background



This preview shows how the Hex color 6A4A5E looks on a white background.

## Color Contrast Check

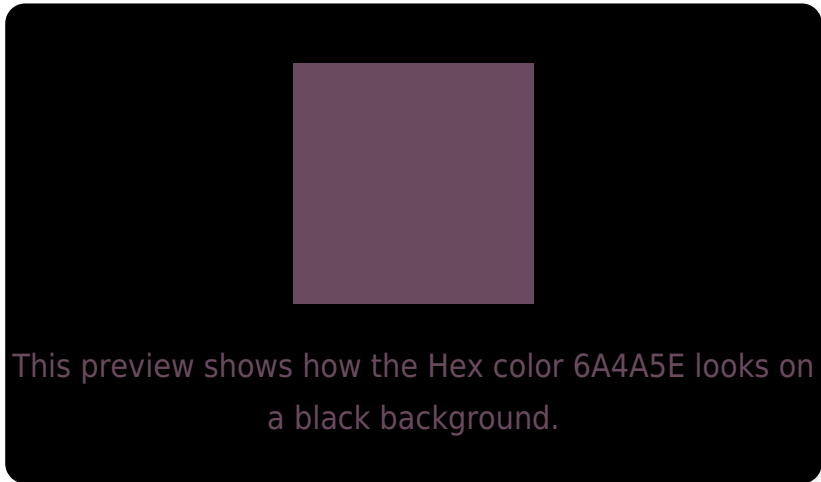
Large Text (above 18pt) WCAG AA ✓ Pass

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

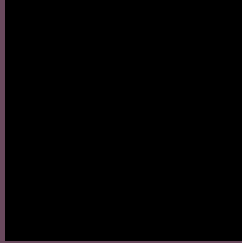
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A4A5E Background



This preview shows how black text looks on a background with the Hex color 6A4A5E.



This preview shows how white text looks on a background with the Hex color 6A4A5E.

# 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**  
6A4A5E

**Protanopia**  
505364

**Deuteranopia**  
58525D



**Tritanopia**  
694C52

# Trichromacy



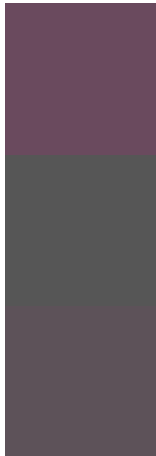
**Original Color**  
6A4A5E

**Protanomaly**  
595062

**Deuteranomaly**  
5F4F5D

**Tritanomaly**  
694B56

# Monochromacy



**Original Color**  
6A4A5E

**Achromatopsia**  
565656

**Achromatomaly**  
5D5259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A4A5E 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 #6A4A5E looks like.

```
.text, #text, p{  
    color:#6A4A5E  
}
```

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 #6A4A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4A5E
}
```

## Border

The CSS property to change the border of an element to Hex 6A4A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

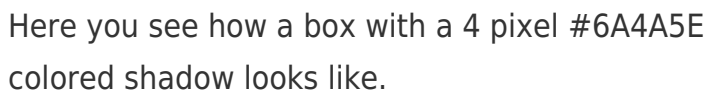
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4A5E }
```

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

```
.border{ border-color:#6A4A5E }
```

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



Here you see how a box with a 4 pixel #6A4A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4A5E; -webkit-box-shadow:4px 4px  
4px 4px #6A4A5E; box-shadow:4px 4px 4px  
4px #6A4A5E }
```

# Background

The CSS property to change the background color of an element to Hex 6A4A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4A5E }
```

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

```
.background{ background-color:#6A4A5E }
```

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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