

# Converting Colors

Hex(6A5E5B)

Have a look what the booklet for  
Hex(6A5E5B) contains.

<b>Hex(6A5E5B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A5E5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A5E5B
RGB	106, 94, 91
RGB Percent	42%, 37%, 36%
CMY	0.5843, 0.6314, 0.6431
CMYK	0.00, 0.11, 0.14, 0.58
HSL	12°, 8%, 39%
HSV	12°, 14%, 42%
XYZ	11.8349, 11.8249, 11.5562
YIQ	97.2460, 8.1150, 1.6110

# Conversions

## Conversions Part 2

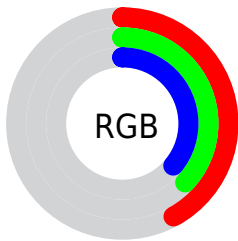
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 95, 91
Decimal	6970971
CIELab	40.94, 4.26, 3.47
CIElCh	41, 5.498, 39.189
Yxy	11.8249, 0.3361, 0.3358
Android (android.graphics.Color)	4285161051 (0xFF6A5E5B)
YUV	97.2460, -3.0793, 7.6773
Hunter-Lab	34.3874, 1.2554, 4.1462

# Details

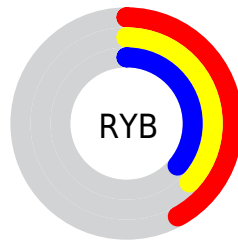
The Hex color **6A5E5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B676A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9D908D**, and **3B302D** is the 20% darker color. If you saturate the color by 10%, you get **6A5650**, and if you desaturate by 10%, it is **6A6666**.

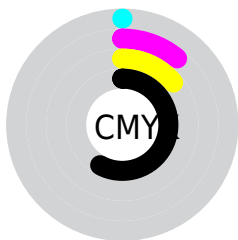
# Distribution



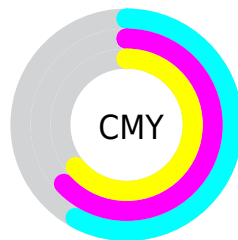
- Red (42%)
- Green (37%)
- Blue (36%)



- Red (42%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A5E5B 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 6A5E5B by changing the saturation by 10% instead.





6A5E5B



6A5E5B

FFFFFF



524644



9D908D



3B302D



B8ABA7



251B19



D4C6C3



0F0000



F0E2DF



000000



FFFFFFB



6A5E5B



6A5E5B



6A5650



6A6666



6A4D46



6A6F70

■ 6A453B

■ 6A777B

■ 6A3C31

■ 6A8085

■ 6A3426

■ 6A8890

■ 6A2B1B

■ 6A919B

■ 6A2311

■ 6A99A5

■ 6A1A06

■ 6AA2B0

■ 6A1500

■ 6AAABA

# Harmonies

## Analogous

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



6A5E5F



6A5E5B



675F58

# Triad

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



6A5E5B



59635D



5E6069

# Complementary

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



6A5E5B



5B676A

# 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.



596269



6A5E5B



566362

# Square

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



6A5E5B



5E6259



566366



635F67

# Rectangle

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



6A5E5B



656058



566366



5C6169



# Sweetspot

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



6A5E5B



8A8584



6A5B67



454241



C4C4C4



454545



# Same Dimension

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



6A5E5B



8A7772



6A665B



363130



751700



F53100



# Inverse Universe

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



5B676A



72858A



5B606A



303436



005E75



00C4F5



# Previews

## White Background



This preview shows how the Hex color 6A5E5B looks on a white background.

## Color Contrast Check

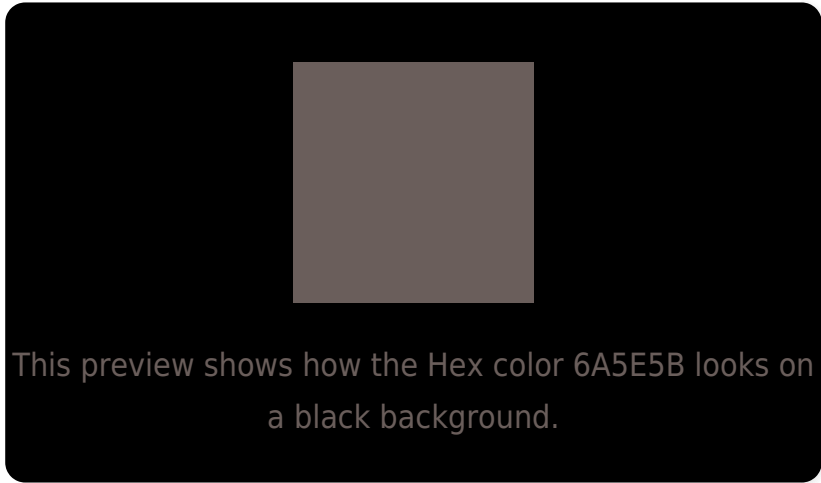
Large Text (above 18pt) WCAG AA ✓ Pass

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

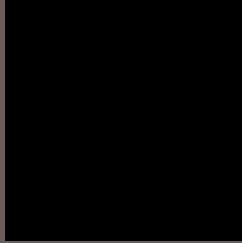
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A5E5B Background



This preview shows how black text looks on a background with the Hex color 6A5E5B.



This preview shows how white text looks on a background with the Hex color 6A5E5B.

# 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**

6A5E5B

**Protanopia**

63605C

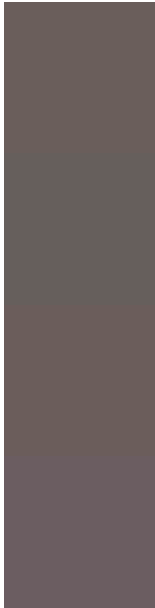
**Deuteranopia**

6C5D5B



**Tritanopia**  
6B5D64

# Trichromacy



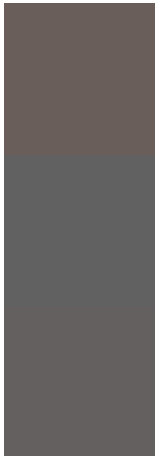
**Original Color**  
6A5E5B

**Protanomaly**  
665F5C

**Deuteranomaly**  
6B5D5B

**Tritanomaly**  
6B5D61

# Monochromacy



**Original Color**  
6A5E5B

**Achromatopsia**  
616161

**Achromatomaly**  
64605F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A5E5B 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 #6A5E5B looks like.

```
.text, #text, p{  
    color:#6A5E5B  
}
```

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 #6A5E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5E5B
}
```

## Border

The CSS property to change the border of an element to Hex 6A5E5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

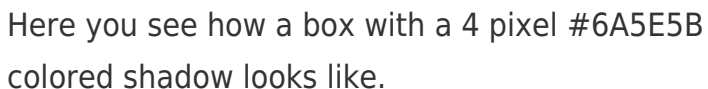
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5E5B }
```

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

```
.border{ border-color:#6A5E5B }
```

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



Here you see how a box with a 4 pixel #6A5E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5E5B; -webkit-box-shadow:4px 4px  
4px 4px #6A5E5B; box-shadow:4px 4px 4px  
4px #6A5E5B }
```

# Background

The CSS property to change the background color of an element to Hex 6A5E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5E5B }
```

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

```
.background{ background-color:#6A5E5B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor