

# Converting Colors

Hex(6A5245)

Have a look what the booklet for  
Hex(6A5245) contains.

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**Color**

**Hex(6A5245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A5245
RGB	106, 82, 69
RGB Percent	42%, 32%, 27%
CMY	0.5843, 0.6784, 0.7294
CMYK	0.00, 0.23, 0.35, 0.58
HSL	21°, 21%, 34%
HSV	21°, 35%, 42%
XYZ	10.0353, 9.5284, 6.9405
YIQ	87.6940, 18.4770, 1.0450

# Conversions

## Conversions Part 2

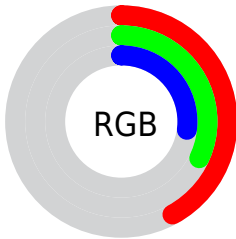
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 89, 69
Decimal	6967877
CIE Lab	36.98, 7.95, 11.46
CIE LCh	37, 13.943, 55.249
Yxy	9.5284, 0.3786, 0.3595
Android (android.graphics.Color)	4285157957 (0xFF6A5245)
YUV	87.6940, -9.2161, 16.0544
Hunter-Lab	30.8682, 4.0116, 8.2768

# Details

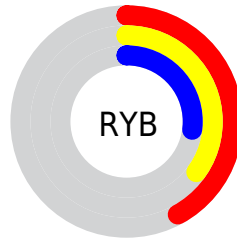
The Hex color **6A5245** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455D6A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9E8375**, and **3A251A** is the 20% darker color. If you saturate the color by 10%, you get **6A4B3A**, and if you desaturate by 10%, it is **6A5950**.

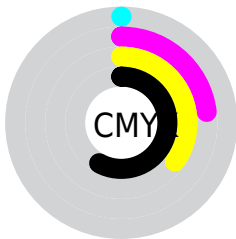
# Distribution



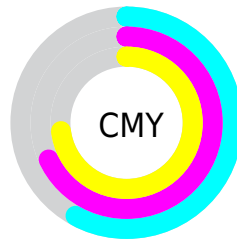
- Red (42%)
- Green (32%)
- Blue (27%)



- Red (42%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A5245 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 6A5245 by changing the saturation by 10% instead.





6A5245



6A5245

FFFFFF



513B2F



9E8375



3A251A



B99D8F



251100



D5B8A9



000000



F2D4C5



FFF0E1

FFFFFFD



6A5245



6A5245



6A4B3A



6A5950

■ 6A4430

■ 6A605A

■ 6A3D25

■ 6A6765

■ 6A361B

■ 6A6E6F

■ 6A3010

■ 6A747A

■ 6A2905

■ 6A7B85

■ 6A2500

■ 6A828F

■ 6A899A

■ 6A90A4

# Harmonies

## Analogous

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



6E4F4E



6A5245



615641

# Triad

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



6A5245



3D5D55



57556B

# Complementary

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



6A5245



455D6A

# 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.



47596D



6A5245



375D60

# Square

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



6A5245



485C4A



3B5C69



645164

# Rectangle

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



6A5245



595841



3B5C69



51566D



# Sweetspot

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



6A5245



8A817C



6A455D



453F3D



C4C4C4



454545



# Same Dimension

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



6A5245



8A6450



6A6445



363230



752900



F55600



# Inverse Universe

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



455D6A



50758A



454B6A



303436



004C75



009FF5



# Previews

## White Background



This preview shows how the Hex color 6A5245 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 6A5245 Background



This preview shows how black text looks on a background with the Hex color 6A5245.

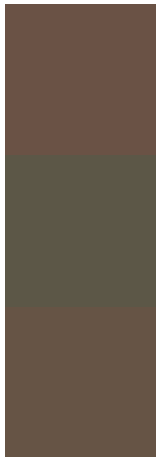


This preview shows how white text looks on a background with the Hex color 6A5245.

# 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**  
6A5245

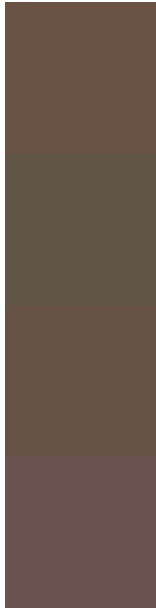
**Protanopia**  
5C5747

**Deuteranopia**  
665445



**Tritanopia**  
6C5056

# Trichromacy



**Original Color**  
6A5245

**Protanomaly**  
615546

**Deuteranomaly**  
675345

**Tritanomaly**  
6B5150

# Monochromacy



**Original Color**  
6A5245

**Achromatopsia**  
585858

**Achromatomaly**  
5F5651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A5245 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 #6A5245 looks like.

```
.text, #text, p{  
    color:#6A5245  
}
```

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 #6A5245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5245
}
```

## Border

The CSS property to change the border of an element to Hex 6A5245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

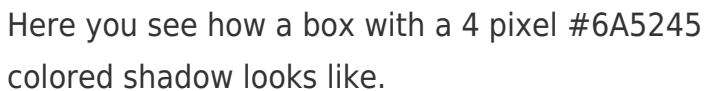
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5245 }
```

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

```
.border{ border-color:#6A5245 }
```

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



Here you see how a box with a 4 pixel #6A5245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5245; -webkit-box-shadow:4px 4px  
4px 4px #6A5245; box-shadow:4px 4px 4px  
4px #6A5245 }
```

# Background

The CSS property to change the background color of an element to Hex 6A5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5245 }
```

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

```
.background{ background-color:#6A5245 }
```

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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