

# Converting Colors

Hex(69725A)

Have a look what the booklet for  
Hex(69725A) contains.

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# Color

Hex(69725A)

# Conversions

## Conversions Part 1

Format	Color
Hex	69725A
RGB	105, 114, 90
RGB Percent	41%, 45%, 35%
CMY	0.5882, 0.5529, 0.6471
CMYK	0.08, 0.00, 0.21, 0.55
HSL	83°, 12%, 40%
HSV	83°, 21%, 45%
XYZ	13.6885, 15.7761, 11.9965
YIQ	108.5730, 2.3400, -9.3720

# Conversions

## Conversions Part 2

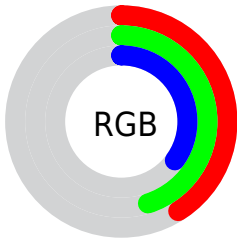
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 114, 99
Decimal	6910554
CIE <sub>Lab</sub>	46.68, -8.08, 12.19
CIE <sub>LCh</sub>	47, 14.625, 123.557
Yxy	15.7761, 0.3302, 0.3805
Android (android.graphics.Color)	4285100634 (0xFF69725A)
YUV	108.5730, -9.1565, -3.1335
Hunter-Lab	39.7191, -7.9916, 9.8958

# Details

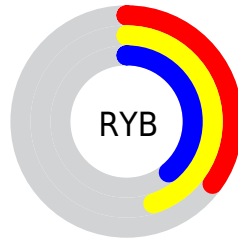
The Hex color **69725A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635A72**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9CA68C**, and **3A422C** is the 20% darker color. If you saturate the color by 10%, you get **65724F**, and if you desaturate by 10%, it is **6D7265**.

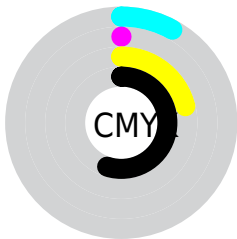
# Distribution



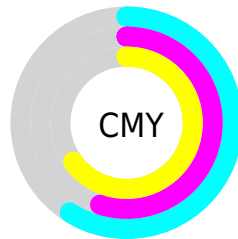
- Red (41%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (39%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69725A 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 69725A by changing the saturation by 10% instead.



69725A

69725A

FFFFFF

515A43

9CA68C

3A422C

B7C1A7

242C17

D3DDC2

101800

EFF9DE

000000

FFFFFFA

69725A

69725A

65724F

6D7265

607243

727271

■ 5C7238

■ 76727C

■ 58722C

■ 7A7288

■ 547221

■ 7E7293

■ 4F7216

■ 83729E

■ 4B720A

■ 8772AA

■ 477200

■ 8B72B5

■ 8F72C1

# Harmonies

## Analogous

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



776E56



69725A



5B7563

# Triad

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



69725A



547384



87666E

# Complementary

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



69725A



635A72

# 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.



80677A



69725A



626F87

# Square

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



69725A



4D757C



736B83



886762

# Rectangle

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



69725A



53766B



736B83



866672



# Sweetspot

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



69725A



91948B



72635A



484A45



C9C9C9



4A4A4A



# Same Dimension

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



69725A



86946F



5D725A



363832



4B7800



9BF700



# Inverse Universe

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



635A72



7D6F94



6F5A72



353238



2D0078



5D00F7



# Previews

## White Background



This preview shows how the Hex color 69725A looks on a white background.

## Color Contrast Check

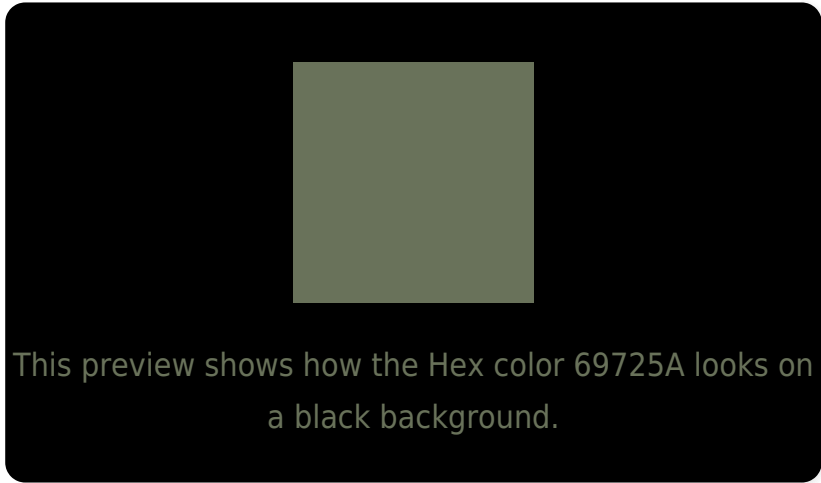
Large Text (above 18pt) WCAG AA ✓ Pass

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

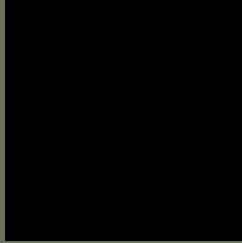
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 69725A Background



This preview shows how black text looks on a background with the Hex color 69725A.



This preview shows how white text looks on a background with the Hex color 69725A.

# 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**  
69725A

**Protanopia**  
756E58

**Deuteranopia**  
806A5C



**Tritanopia**  
6D6E77

# Trichromacy



**Original Color**  
69725A

**Protanomaly**  
716F59

**Deuteranomaly**  
786D5B

**Tritanomaly**  
6C6F6C

# Monochromacy



**Original Color**  
69725A

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
6C6F66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69725A 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 #69725A looks like.

```
.text, #text, p{  
    color:#69725A  
}
```

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 #69725A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69725A
}
```

## Border

The CSS property to change the border of an element to Hex 69725A 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".

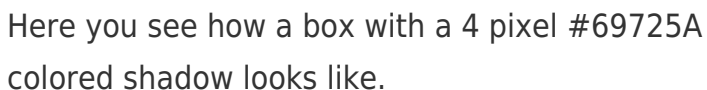
```
.border, #border, table{ border:4px solid
#69725A }
```

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

```
.border{ border-color:#69725A }
```

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

Here you see how a box with a 4 pixel #69725A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69725A; -webkit-box-shadow:4px 4px  
4px 4px #69725A; box-shadow:4px 4px 4px  
4px #69725A }
```

# Background

The CSS property to change the background color of an element to Hex 69725A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69725A }
```

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

```
.background{ background-color:#69725A }
```

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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