

# Converting Colors

Hex(72655A)

Have a look what the booklet for  
Hex(72655A) contains.

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**Color**

**Hex(72655A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 72655A                     |
| RGB           | 114, 101, 90               |
| RGB Percent   | 45%, 40%, 35%              |
| CMY           | 0.5529, 0.6039, 0.6471     |
| CMYK          | 0.00, 0.11, 0.21, 0.55     |
| HSL           | 27°, 12%, 40%              |
| HSV           | 27°, 21%, 45%              |
| XYZ           | 13.4386, 13.6230, 11.5941  |
| YIQ           | 103.6330, 11.2790, -0.6650 |

# Conversions

## Conversions Part 2

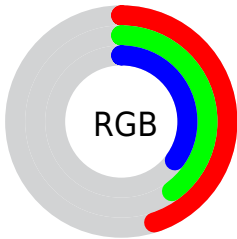
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 114, 110, 90                 |
| Decimal                             | 7497050                      |
| CIE Lab                             | 43.69, 3.21, 8.11            |
| CIE LCh                             | 44, 8.724, 68.429            |
| Yxy                                 | 13.6230, 0.3476,<br>0.3524   |
| Android<br>(android.graphics.Color) | 4285687130<br>(0xFF72655A)   |
| YUV                                 | 103.6330, -6.7211,<br>9.0919 |
| Hunter-Lab                          | 36.9093, 0.4001,<br>7.2121   |

# Details

The Hex color **72655A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6772**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A6988C**, and **42362C** is the 20% darker color. If you saturate the color by 10%, you get **725F4F**, and if you desaturate by 10%, it is **726B65**.

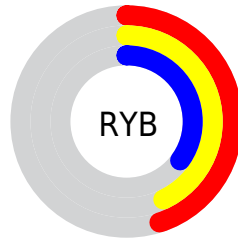
# Distribution



Red (45%)

Green (40%)

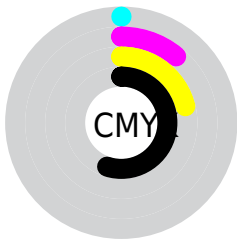
Blue (35%)



Red (45%)

Yellow (43%)

Blue (35%)

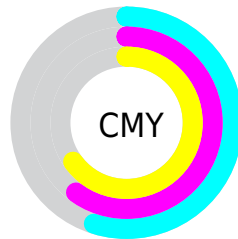


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72655A 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 72655A by changing the saturation by 10% instead.



 72655A

 72655A

FFFFFF

 594D43

 A6988C

 42362C

 C1B3A6

 2B2118

 DDCEC2

 170A00

 FAEADD

 000000

 FFFFFA

 72655A

 72655A

 725F4F

 726B65

 725943

 727171

 725238

 72787C

 724C2C

 727E88

 724621

 728493

 724016

 728A9E

 723A0A

 7290AA

 723400

 7296B5

 729DC1

# Harmonies

## Analogous

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



76635F



72655A



6B6759

# Triad

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



72655A



566C69



6B6573

# Complementary

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



72655A



5A6772

# 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.



626775



72655A



556B70

# Square

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



72655A



5B6B62



5A6974



73636D

# Rectangle

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



72655A



66695A



5A6974



686674



# Sweetspot

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



72655A



948F8B



725A67



4A4745



C9C9C9



4A4A4A



# Same Dimension

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



72655A



94806F



72715A



383532



783700



F77100



# Inverse Universe

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



5A6772



6F8394



5A5B72



323638



004178



0086F7



# Previews

## White Background



This preview shows how the Hex color 72655A looks on a white background.

## Color Contrast Check

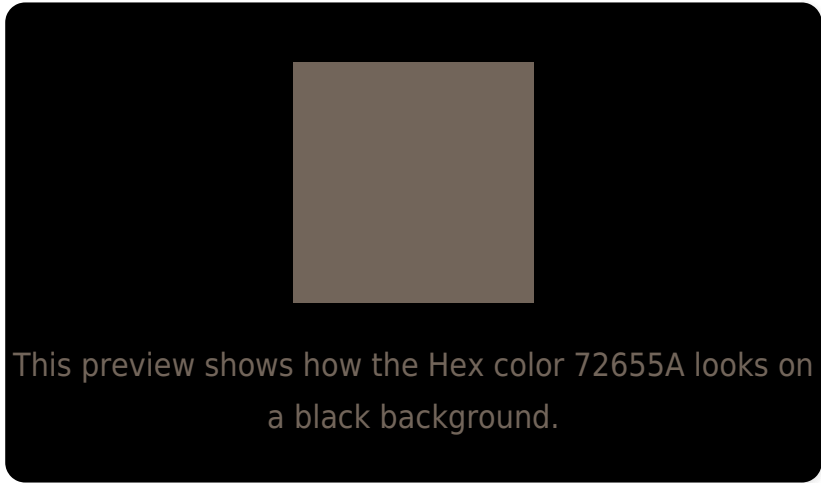
Large Text (above 18pt) WCAG AA ✓ Pass

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

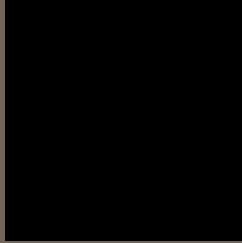
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 72655A Background



This preview shows how black text looks on a background with the Hex color 72655A.



This preview shows how white text looks on a background with the Hex color 72655A.

# 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**  
72655A

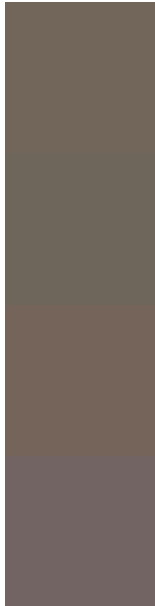
**Protanopia**  
6C675B

**Deuteranopia**  
76635A



**Tritanopia**  
74636A

# Trichromacy



**Original Color**

72655A

**Protanomaly**

6E665B

**Deuteranomaly**

75645A

**Tritanomaly**

736464

# Monochromacy



**Original Color**

72655A

**Achromatopsia**

686868

**Achromatomaly**

6C6763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72655A 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 #72655A looks like.

```
.text, #text, p{  
    color:#72655A  
}
```

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 #72655A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72655A
}
```

## Border

The CSS property to change the border of an element to Hex 72655A 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
#72655A }
```

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

```
.border{ border-color:#72655A }
```

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

Here you see how a box with a 4 pixel #72655A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72655A; -webkit-box-shadow:4px 4px  
4px 4px #72655A; box-shadow:4px 4px 4px  
4px #72655A }
```

# Background

The CSS property to change the background color of an element to Hex 72655A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72655A }
```

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

```
.background{ background-color:#72655A }
```

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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