

# Converting Colors

Hex(645A5E)

Have a look what the booklet for  
Hex(645A5E) contains.

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# Color

Hex(645A5E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	645A5E
RGB	100, 90, 94
RGB Percent	39%, 35%, 37%
CMY	0.6078, 0.6471, 0.6314
CMYK	0.00, 0.10, 0.06, 0.61
HSL	336°, 5%, 37%
HSV	336°, 10%, 39%
XYZ	10.9321, 10.8298, 12.1039
YIQ	93.4460, 4.6760, 3.3640

# Conversions

## Conversions Part 2

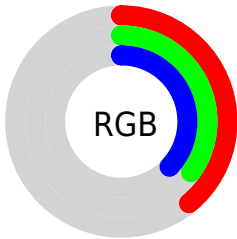
Format	Color
<b>RYB</b>	100, 90, 94
Decimal	6576734
CIELab	39.29, 4.83, -0.83
CIElCh	39, 4.902, 350.209
Yxy	10.8298, 0.3228, 0.3198
Android (android.graphics.Color)	4284766814 (0xFF645A5E)
YUV	93.4460, 0.2731, 5.7479
Hunter-Lab	32.9087, 1.7065, 1.2291

# Details

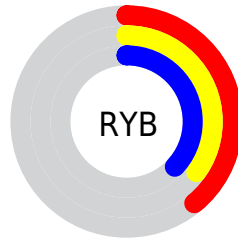
The Hex color **645A5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A6460**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **978C90**, and **352C30** is the 20% darker color. If you saturate the color by 10%, you get **645058**, and if you desaturate by 10%, it is **646464**.

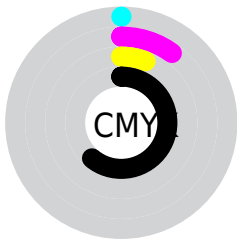
# Distribution



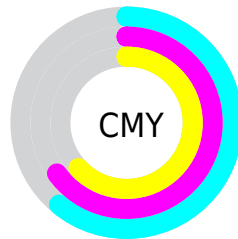
- Red (39%)
- Green (35%)
- Blue (37%)



- Red (39%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645A5E 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 645A5E by changing the saturation by 10% instead.





645A5E



645A5E

FFFFFF



4C4346



978C90



352C30



B2A6AB



20181B



CDC2C6



050000



E9DDE2



000000



FFFAFF



645A5E



645A5E



645058



646464



644652



646E6A

643C4C

647870

643246

648276

642840

648C7C

641E3A

649682

641434

64A088

640A2E

64AA8E

640028

64B494

# Harmonies

## Analogous

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



615B62



645A5E



655A5A

# Triad

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



645A5E



5D5D55



545E62

# Complementary

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



645A5E



5A6460

# 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.



535F5F



645A5E



585E57

# Square

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



645A5E



615C55



555F5B



575D64

# Rectangle

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



645A5E



655A58



555F5B



535F62



# Sweetspot

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



645A5E



827E80



605A64



424041



C2C2C2



424242



# Same Dimension

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



645A5E



827279



645B5A



332E30



73002E



F20061



# Inverse Universe

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



645A5E



827279



5A6364



332E30



73002E



F20061



# Previews

## White Background



This preview shows how the Hex color 645A5E looks on a white background.

## Color Contrast Check

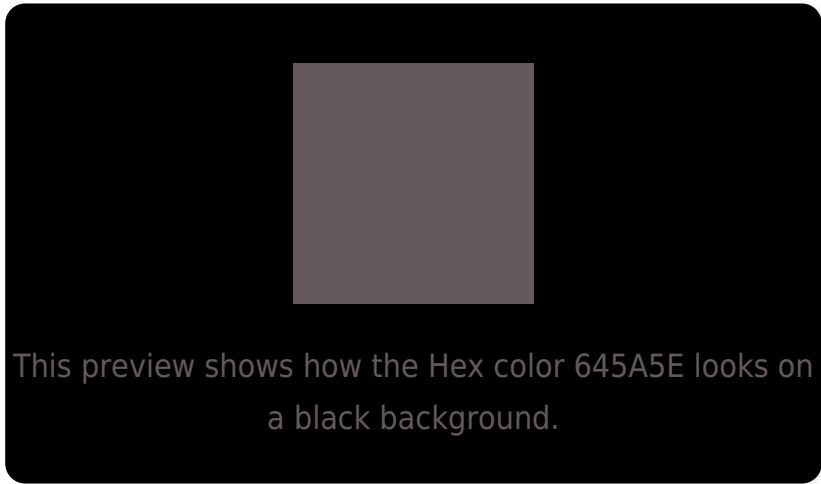
Large Text (above 18pt) WCAG AA ✓ Pass

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

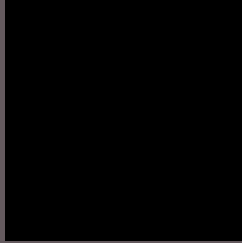
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 645A5E Background



This preview shows how black text looks on a background with the Hex color 645A5E.



This preview shows how white text looks on a background with the Hex color 645A5E.

# 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**

645A5E

**Protanopia**

5D5C5F

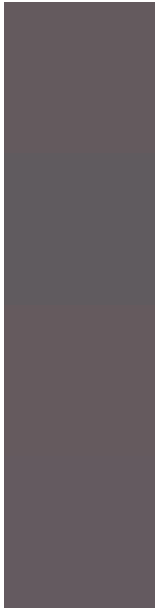
**Deuteranopia**

655A5E



**Tritanopia**  
645A61

# Trichromacy



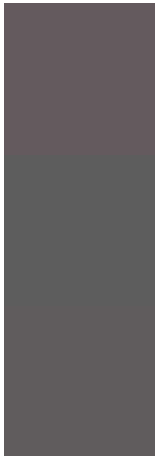
**Original Color**  
645A5E

**Protanomaly**  
605B5F

**Deuteranomaly**  
655A5E

**Tritanomaly**  
645A60

# Monochromacy



**Original Color**  
645A5E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
605C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645A5E 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 #645A5E looks like.

```
.text, #text, p{  
    color:#645A5E  
}
```

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 #645A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645A5E
}
```

## Border

The CSS property to change the border of an element to Hex 645A5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

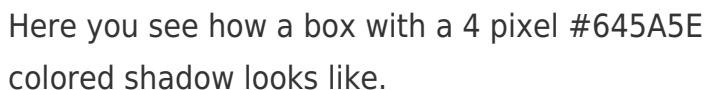
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645A5E }
```

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

```
.border{ border-color:#645A5E }
```

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



Here you see how a box with a 4 pixel #645A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645A5E; -webkit-box-shadow:4px 4px  
4px 4px #645A5E; box-shadow:4px 4px 4px  
4px #645A5E }
```

# Background

The CSS property to change the background color of an element to Hex 645A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645A5E }
```

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

```
.background{ background-color:#645A5E }
```

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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