

# Converting Colors

Hex(645654)

Have a look what the booklet for  
Hex(645654) contains.

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# Color

**Hex(645654)**

# Conversions

## Conversions Part 1

Format	Color
Hex	645654
RGB	100, 86, 84
RGB Percent	39%, 34%, 33%
CMY	0.6078, 0.6627, 0.6706
CMYK	0.00, 0.14, 0.16, 0.61
HSL	8°, 9%, 36%
HSV	8°, 16%, 39%
XYZ	10.1836, 10.0050, 9.7819
YIQ	89.9580, 8.9860, 2.3460

# Conversions

## Conversions Part 2

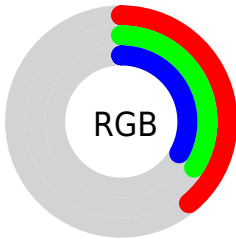
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 86, 84</a>
Decimal	<a href="#">6575700</a>
CIELab	<a href="#">37.85, 5.36, 3.27</a>
CIELCh	<a href="#">38, 6.280, 31.407</a>
Yxy	<a href="#">10.0050, 0.3398, 0.3338</a>
Android (android.graphics.Color)	<a href="#">4284765780</a> (0xFF645654)
YUV	<a href="#">89.9580, -2.9373, 8.8068</a>
Hunter-Lab	<a href="#">31.6307, 2.1147, 3.8058</a>

# Details

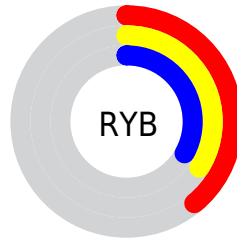
The Hex color **645654** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **546264**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **978885**, and **352927** is the 20% darker color. If you saturate the color by 10%, you get **644D4A**, and if you desaturate by 10%, it is **645F5E**.

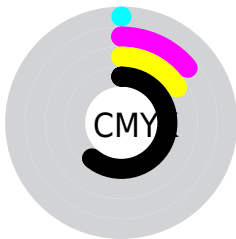
# Distribution



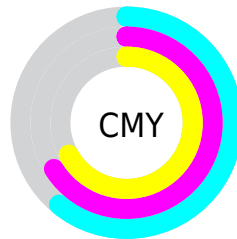
- Red (39%)
- Green (34%)
- Blue (33%)



- Red (39%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (61%)



- Cyan (61%)
- Magenta (66%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 645654 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 645654 by changing the saturation by 10% instead.





645654



645654

FFFFFF



4C3F3D



978885



352927



B2A2A0



201513



CDBDBB



000000



EAD9D6



FFF5F3



645654



645654



644D4A



645F5E



644540



646868

643C36

647072

64332C

64797C

642A22

648286

642218

648B90

64190E

64939A

641004

649CA4

640D00

64A5AE

# Harmonies

## Analogous

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



635659



645654



625750

# Triad

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



645654



525C54



545963

# Complementary

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



645654



546264

# 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.



4F5B62



645654



4E5C59

# Square

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



645654



575A50



4D5C5E



5A5862

# Rectangle

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



645654



5F584F



4D5C5E



525A63



# Sweetspot

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



645654



827C7C



645462



423F3E



C2C2C2



424242



# Same Dimension

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



645654



826C69



645E54



332F2E



730E00



F21E00



# Inverse Universe

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



546264



697F82



545A64



2E3233



006473



00D4F2



# Previews

## White Background



This preview shows how the Hex color 645654 looks on a white background.

## Color Contrast Check

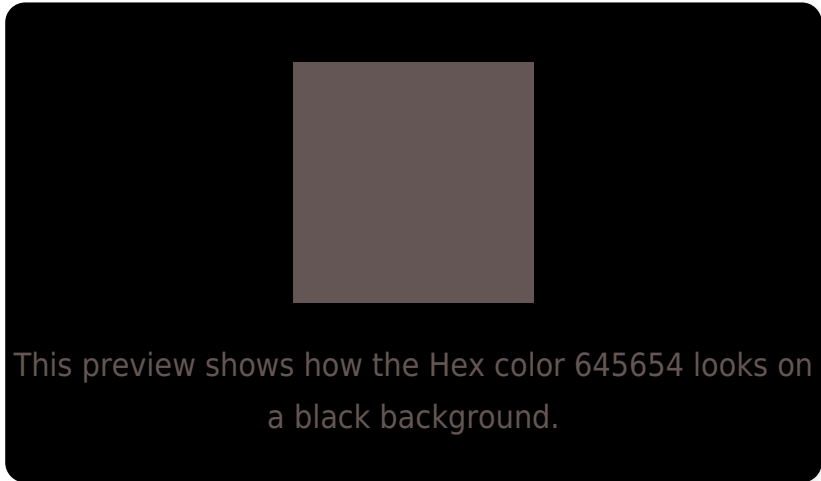
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

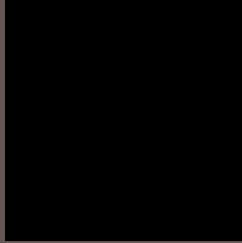
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 645654 Background



This preview shows how black text looks on a background with the Hex color 645654.



This preview shows how white text looks on a background with the Hex color 645654.

# 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**

645654

**Protanopia**

5C5956

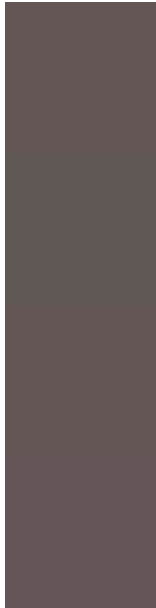
**Deuteranopia**

645654



**Tritanopia**  
65555B

# Trichromacy



**Original Color**

645654

**Protanomaly**

5F5855

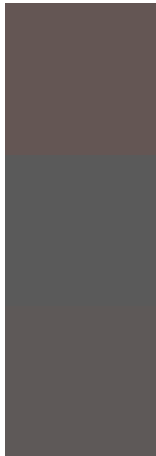
**Deuteranomaly**

645654

**Tritanomaly**

655558

# Monochromacy



**Original Color**

645654

**Achromatopsia**

5A5A5A

**Achromatomaly**

5E5958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 645654 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 #645654 looks like.

```
.text, #text, p{  
    color:#645654  
}
```

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 #645654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645654
}
```

## Border

The CSS property to change the border of an element to Hex 645654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

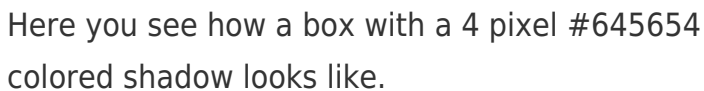
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645654 }
```

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

```
.border{ border-color:#645654 }
```

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



Here you see how a box with a 4 pixel #645654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645654; -webkit-box-shadow:4px 4px  
4px 4px #645654; box-shadow:4px 4px 4px  
4px #645654 }
```

# Background

The CSS property to change the background color of an element to Hex 645654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645654 }
```

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

```
.background{ background-color:#645654 }
```

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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