

# Converting Colors

Hex(654455)

Have a look what the booklet for  
Hex(654455) contains.

<b>Hex(654455)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(654455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	654455
RGB	101, 68, 85
RGB Percent	40%, 27%, 33%
CMY	0.6039, 0.7333, 0.6667
CMYK	0.00, 0.33, 0.16, 0.60
HSL	329°, 20%, 33%
HSV	329°, 33%, 40%
XYZ	9.0736, 7.5568, 9.5747
YIQ	79.8050, 14.2110, 12.2830

# Conversions

## Conversions Part 2

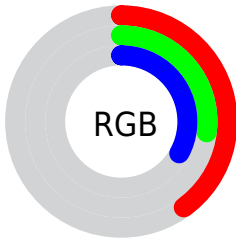
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 68, 85
Decimal	6636629
CIE Lab	33.04, 17.13, -4.38
CIE LCh	33, 17.679, 345.649
Yxy	7.5568, 0.3463, 0.2884
Android (android.graphics.Color)	4284826709 (0xFF654455)
YUV	79.8050, 2.5611, 18.5880
Hunter-Lab	27.4897, 10.8114, -1.4081

# Details

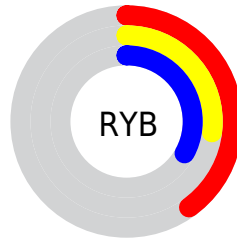
The Hex color **654455** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **446554**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **997587**, and **351828** is the 20% darker color. If you saturate the color by 10%, you get **653A50**, and if you desaturate by 10%, it is **654E5A**.

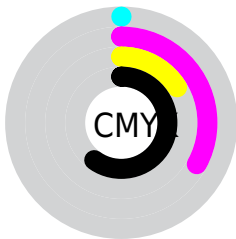
# Distribution



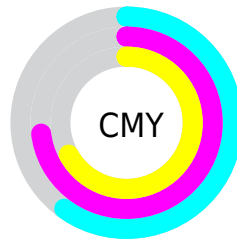
- Red (40%)
- Green (27%)
- Blue (33%)



- Red (40%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 654455 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 654455 by changing the saturation by 10% instead.



654455

654455

FFFFFF

4D2D3E

997587

351828

B48EA1

210014

CFA9BC

000000

ECC4D7

FFE0F4

FFDFDF

654455

654455

653A50

654E5A

 65304B

 65585F

 652646

 656264

 651C41

 656C69

 65123D

 65776D

 650738

 658172

 650034

 658B77

 65957C

 659F81

# Harmonies

## Analogous

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



594861



654455



6A4347

# Triad

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



654455



504F33



225461

# Complementary

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



654455



446554

# 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.



235555



654455



40533A

# Square

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



654455



5D4B33



305546



315168

# Rectangle

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



654455



68453E



305546



20555D



# Sweetspot

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



654455



82757C



544465



423A3E



C2C2C2



424242



# Same Dimension

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



654455



824F69



654445



332E31



73003B



F2007D



# Inverse Universe

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



654455



824F69



446564



332E31



73003B

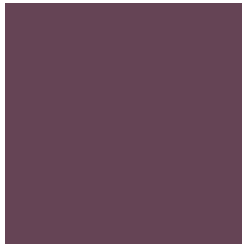


F2007D



# Previews

## White Background



This preview shows how the Hex color 654455 looks on a white background.

## Color Contrast Check

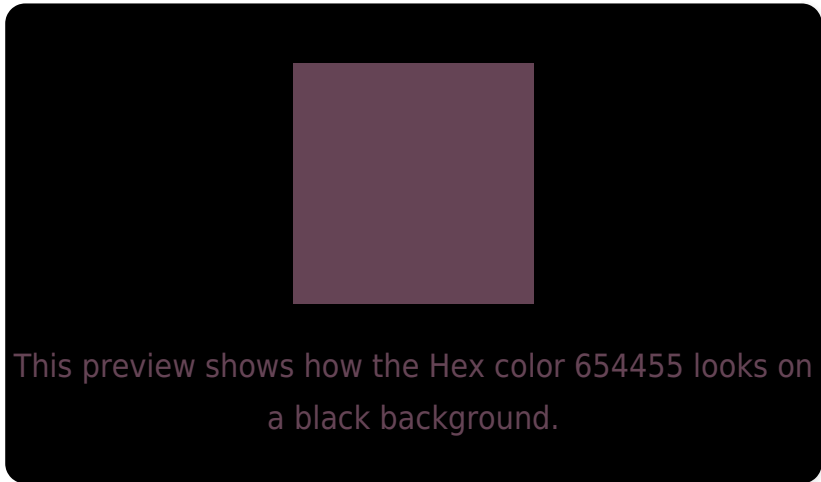
Large Text (above 18pt) WCAG AA ✓ Pass

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

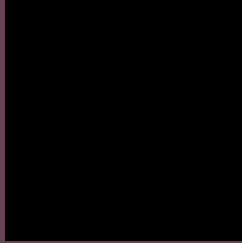
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 654455 Background



This preview shows how black text looks on a background with the Hex color 654455.



This preview shows how white text looks on a background with the Hex color 654455.

# 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**  
654455

**Protanopia**  
4B4D5B

**Deuteranopia**  
534C54



**Tritanopia**  
64464B

# Trichromacy



**Original Color**

654455

**Protanomaly**

544A59

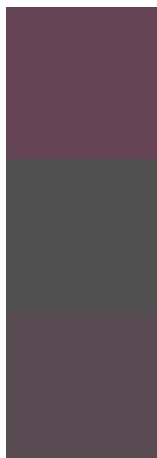
**Deuteranomaly**

5A4954

**Tritanomaly**

64454F

# Monochromacy



**Original Color**

654455

**Achromatopsia**

505050

**Achromatomaly**

584C52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 654455 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 #654455 looks like.

```
.text, #text, p{  
    color:#654455  
}
```

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 #654455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654455  
}
```

## Border

The CSS property to change the border of an element to Hex 654455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

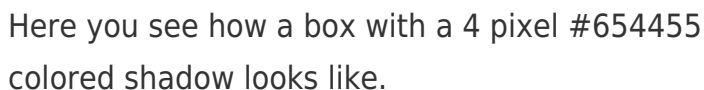
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#654455 }
```

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

```
.border{ border-color:#654455 }
```

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



Here you see how a box with a 4 pixel #654455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654455; -webkit-box-shadow:4px 4px  
4px 4px #654455; box-shadow:4px 4px 4px  
4px #654455 }
```

# Background

The CSS property to change the background color of an element to Hex 654455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654455 }
```

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

```
.background{ background-color:#654455 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor