

# Converting Colors

Hex(653446)

Have a look what the booklet for  
Hex(653446) contains.

<b>Hex(653446)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(653446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653446
RGB	101, 52, 70
RGB Percent	40%, 20%, 27%
CMY	0.6039, 0.7961, 0.7255
CMYK	0.00, 0.49, 0.31, 0.60
HSL	338°, 32%, 30%
HSV	338°, 49%, 40%
XYZ	7.7003, 5.6649, 6.4819
YIQ	68.7030, 23.4260, 15.9860

# Conversions

## Conversions Part 2

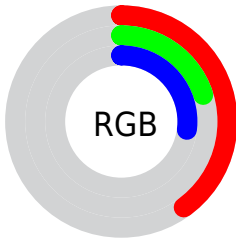
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 52, 70
Decimal	6632518
CIE <sub>Lab</sub>	28.55, 24.32, -1.28
CIE <sub>LCh</sub>	29, 24.356, 356.985
Yxy	5.6649, 0.3880, 0.2854
Android (android.graphics.Color)	4284822598 (0xFF653446)
YUV	68.7030, 0.6394, 28.3245
Hunter-Lab	23.8010, 16.0981, 0.5138

# Details

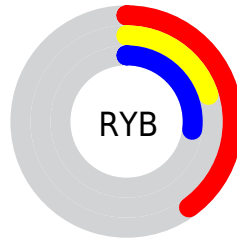
The Hex color **653446** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **346553**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **996476**, and **34071B** is the 20% darker color. If you saturate the color by 10%, you get **652A40**, and if you desaturate by 10%, it is **653E4C**.

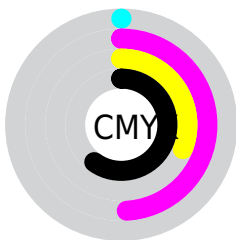
# Distribution



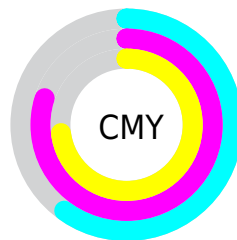
- Red (40%)
- Green (20%)
- Blue (27%)



- Red (40%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (31%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653446 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 653446 by changing the saturation by 10% instead.



653446

653446

FFFFFF

4C1D30

996476

34071B

B57D90

200001

D197AA

000000

EEB2C6

FFCEE2

FFFAFE

653446

653446

652A40

653E4C

652039

654853

651633

655259

650C2C

655C60

650226

656766

650025

65716C

657B73

658579

658F80

# Harmonies

## Analogous

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



593858



653446



663533

# Triad

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



653446



3E4721



004A62

# Complementary

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



653446



346553

# 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.



004D54



653446



274B2E

# Square

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



653446



50421D



004D41



1F4669

# Rectangle

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



653446



623929



004D41



004B5E



# Sweetspot

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



653446



826F76



523465



42363B



C2C2C2



424242



# Same Dimension

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



653446



823752



653A34



332E30



73002A



F20059



# Inverse Universe

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



653446



823752



345F65



332E30



73002A

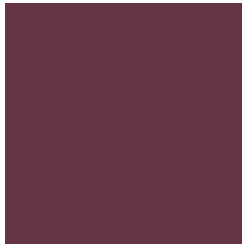


F20059



# Previews

## White Background



This preview shows how the Hex color 653446 looks on a white background.

## Color Contrast Check

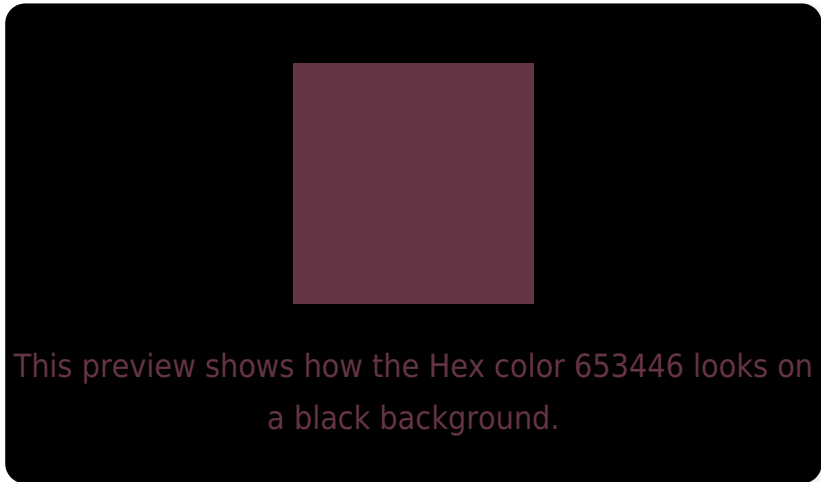
Large Text (above 18pt) WCAG AA ✓ Pass

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

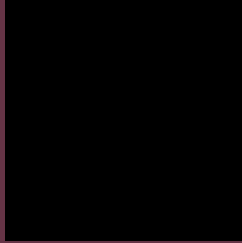
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 653446 Background



This preview shows how black text looks on a background with the Hex color 653446.



This preview shows how white text looks on a background with the Hex color 653446.

# 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**  
653446

**Protanopia**  
424350

**Deuteranopia**  
4A4244



**Tritanopia**  
64363A

# Trichromacy



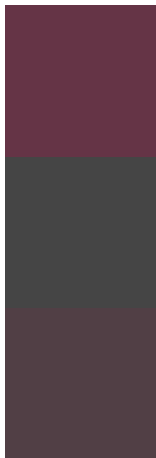
**Original Color**  
653446

**Protanomaly**  
4F3E4C

**Deuteranomaly**  
543D45

**Tritanomaly**  
64353E

# Monochromacy



**Original Color**  
653446

**Achromatopsia**  
454545

**Achromatomaly**  
513F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653446 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 #653446 looks like.

```
.text, #text, p{  
    color:#653446  
}
```

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 #653446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653446
}
```

## Border

The CSS property to change the border of an element to Hex 653446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

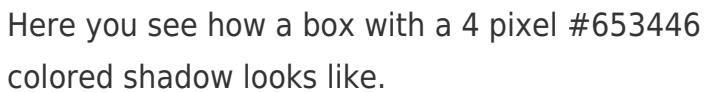
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653446 }
```

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

```
.border{ border-color:#653446 }
```

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



Here you see how a box with a 4 pixel #653446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653446; -webkit-box-shadow:4px 4px  
4px 4px #653446; box-shadow:4px 4px 4px  
4px #653446 }
```

# Background

The CSS property to change the background color of an element to Hex 653446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653446 }
```

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

```
.background{ background-color:#653446 }
```

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