

# Converting Colors

Hex(63415E)

Have a look what the booklet for  
Hex(63415E) contains.

<b>Hex(63415E)</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(63415E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63415E
RGB	99, 65, 94
RGB Percent	39%, 25%, 37%
CMY	0.6118, 0.7451, 0.6314
CMYK	0.00, 0.34, 0.05, 0.61
HSL	309°, 21%, 32%
HSV	309°, 34%, 39%
XYZ	9.0563, 7.2414, 11.5101
YIQ	78.4720, 10.9550, 16.2270

# Conversions

## Conversions Part 2

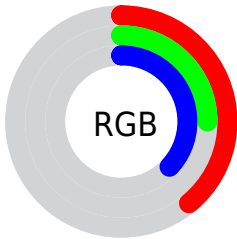
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 65, 94
Decimal	6504798
CIE Lab	32.35, 19.96, -11.20
CIE LCh	32, 22.893, 330.699
Yxy	7.2414, 0.3257, 0.2604
Android (android.graphics.Color)	4284694878 (0xFF63415E)
YUV	78.4720, 7.6553, 18.0031
Hunter-Lab	26.9098, 12.9804, -6.5231

# Details

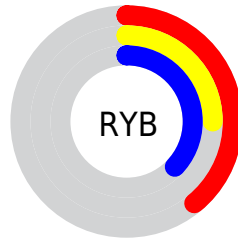
The Hex color **63415E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **416346**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **967190**, and **331530** is the 20% darker color. If you saturate the color by 10%, you get **63375D**, and if you desaturate by 10%, it is **634B5F**.

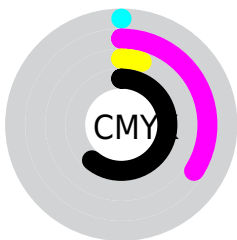
# Distribution



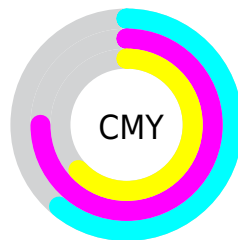
- Red (39%)
- Green (25%)
- Blue (37%)



- Red (39%)
- Yellow (25%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (61%)



- Cyan (61%)
- Magenta (75%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63415E 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 63415E by changing the saturation by 10% instead.



63415E

63415E

FFFFFF

4B2A46

967190

331530

B18BAB

20001B

CDA6C6

000000

E9C1E2

FFDDFF

FFF9FF

63415E

63415E

63375D

634B5F

632D5B

635561

63235A

635F62

631958

636964

630F57

637365

630655

637C67

630054

638668

63906A

639A6B

# Harmonies

## Analogous

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



4E476B



63415E



6E3E4C

# Triad

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



63415E



574B28



00555E

# Complementary

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



63415E



416346

# 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.



13564C



63415E



45502C

# Square

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



63415E



66452D



2F543A



09536B

# Rectangle

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



63415E



6F3E40



2F543A



005658



# Sweetspot

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



63415E



80737E



464163



40383F



BFBFBF



404040



# Same Dimension

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



63415E



804B78



63414D



302C30



700060



F000CC



# Inverse Universe

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



63415E



804B78



416357



302C30



700060

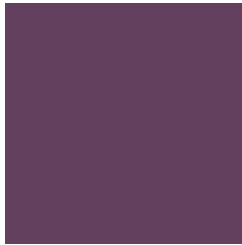


F000CC



# Previews

## White Background



This preview shows how the Hex color 63415E looks on a white background.

## Color Contrast Check

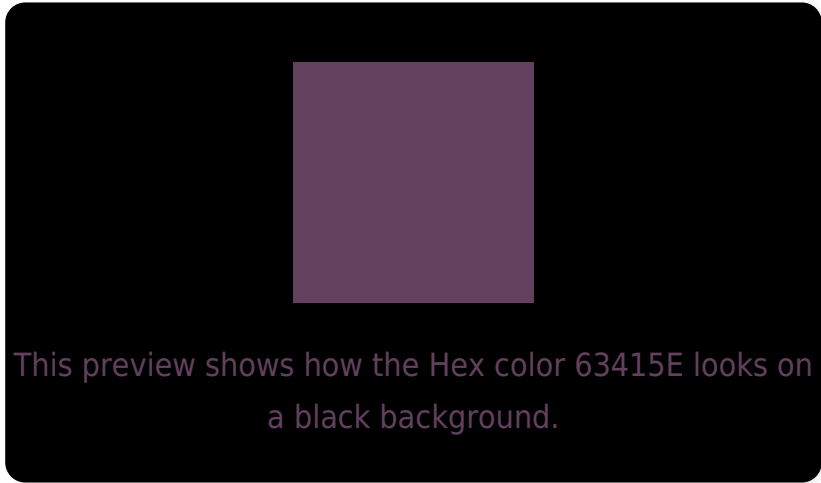
Large Text (above 18pt) WCAG AA ✓ Pass

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

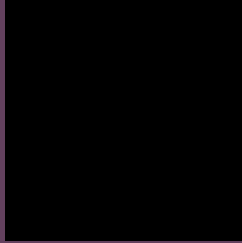
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63415E Background



This preview shows how black text looks on a background with the Hex color 63415E.



This preview shows how white text looks on a background with the Hex color 63415E.

# 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**  
63415E

**Protanopia**  
454B66

**Deuteranopia**  
4C4B5C



**Tritanopia**  
60454A

# Trichromacy



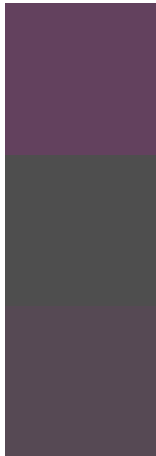
**Original Color**  
63415E

**Protanomaly**  
504763

**Deuteranomaly**  
54475D

**Tritanomaly**  
614451

# Monochromacy



**Original Color**  
63415E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
564954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63415E 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 #63415E looks like.

```
.text, #text, p{  
    color:#63415E  
}
```

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 #63415E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63415E
}
```

## Border

The CSS property to change the border of an element to Hex 63415E is called "border". The border property can be set on classes, ids or directly on the HTML element.

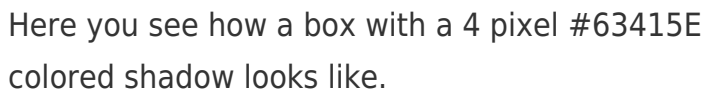
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63415E }
```

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

```
.border{ border-color:#63415E }
```

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



Here you see how a box with a 4 pixel #63415E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63415E; -webkit-box-shadow:4px 4px  
4px 4px #63415E; box-shadow:4px 4px 4px  
4px #63415E }
```

# Background

The CSS property to change the background color of an element to Hex 63415E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63415E }
```

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

```
.background{ background-color:#63415E }
```

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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