

Converting Colors

Hex(63405E)

Have a look what the booklet for
Hex(63405E) contains.

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Color

Hex(63405E)

Conversions

Conversions Part 1

Format	Color
Hex	63405E
RGB	99, 64, 94
RGB Percent	39%, 25%, 37%
CMY	0.6118, 0.7490, 0.6314
CMYK	0.00, 0.35, 0.05, 0.61
HSL	309°, 21%, 32%
HSV	309°, 35%, 39%
XYZ	8.9994, 7.1276, 11.4911
YIQ	77.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

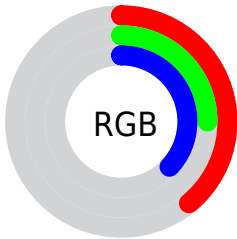
Format	Color
R_{YB}	99, 64, 94
Decimal	6504542
CIE _{Lab}	32.10, 20.58, -11.59
CIE _{LCh}	32, 23.622, 330.615
Yxy	7.1276, 0.3259, 0.2581
Android (android.graphics.Color)	4284694622 (0xFF63405E)
YUV	77.8850, 7.9447, 18.5179
Hunter-Lab	26.6976, 13.4491, -6.8312

Details

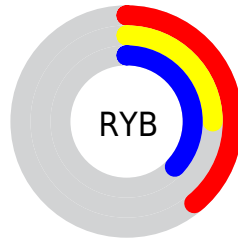
The Hex color **63405E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406345**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **967090**, and **331430** is the 20% darker color. If you saturate the color by 10%, you get **63365D**, and if you desaturate by 10%, it is **634A5F**.

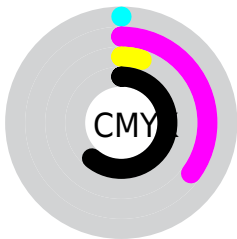
Distribution



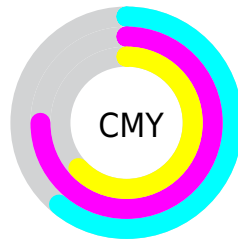
- Red (39%)
- Green (25%)
- Blue (37%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 63405E 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 63405E by changing the saturation by 10% instead.

63405E

63405E

FFFFFF

4B2946

967090

331430

B18AAB

20001B

CDA4C6

000000

E9C0E2

FFDCFF

FFF8FF

63405E

63405E

63365D

634A5F

632C5B

635461

63225A

635E62

631858

636864

630E57

637265

630556

637B66

630055

638568

638F69

63996B

Harmonies

Analogous

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



4E476B



63405E



6E3D4C

Triad

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



63405E



574B26



00555E

Complementary

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



63405E



406345

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.



0D554B



63405E



44502B

Square

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



63405E



66442C



2D5439



00526B

Rectangle

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



63405E



6F3D3F



2D5439



005558

Sweetspot

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



63405E



80717D



454063



40373F



BFBFBF



404040

Same Dimension

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



63405E



804A78



63404D



302C30



700060



F000CD

Inverse Universe

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



63405E



804A78



406356



302C30



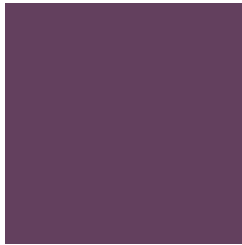
700060



F000CD

Previews

White Background



This preview shows how the Hex color 63405E looks on a white background.

Color Contrast Check

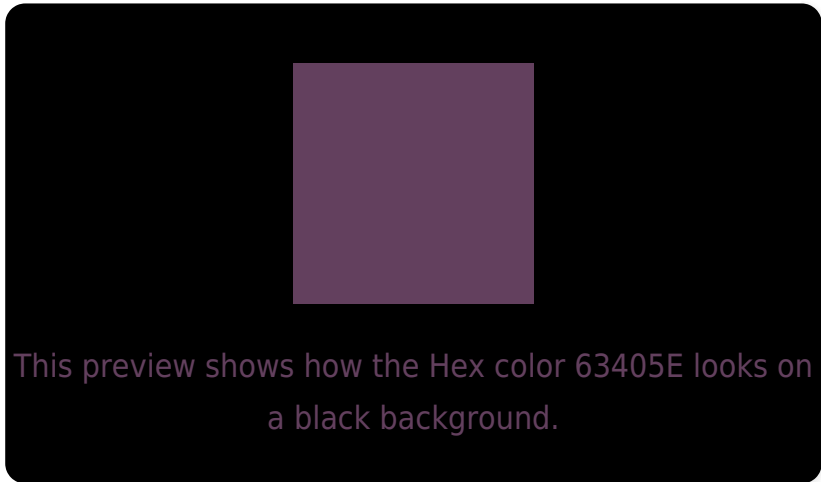
Large Text (above 18pt) WCAG AA ✓ Pass

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

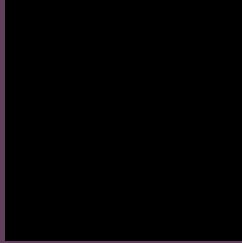
Any Text WCAG AA × Fail

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 63405E Background



This preview shows how black text looks on a background with the Hex color 63405E.



This preview shows how white text looks on a background with the Hex color 63405E.

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
63405E

Protanopia
444B66

Deuteranopia
4B4A5C



Tritanopia
604449

Trichromacy



Original Color
63405E

Protanomaly
4F4763

Deuteranomaly
54465D

Tritanomaly
614351

Monochromacy



Original Color
63405E

Achromatopsia
4E4E4E

Achromatomaly
564954

CSS Examples

Text

The CSS property to change the color of the text to Hex 63405E 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 #63405E looks like.

```
.text, #text, p{  
    color:#63405E  
}
```

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 #63405E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63405E
}
```

Border

The CSS property to change the border of an element to Hex 63405E is called "border". The border property can be set on classes, ids or directly on the HTML element.

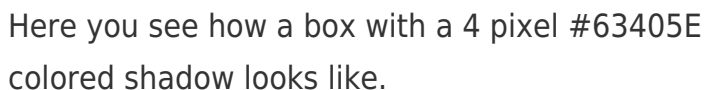
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63405E }
```

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

```
.border{ border-color:#63405E }
```

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



Here you see how a box with a 4 pixel #63405E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63405E; -webkit-box-shadow:4px 4px  
4px 4px #63405E; box-shadow:4px 4px 4px  
4px #63405E }
```

Background

The CSS property to change the background color of an element to Hex 63405E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63405E }
```

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

```
.background{ background-color:#63405E }
```

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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