

Converting Colors

Hex(63408E)

Have a look what the booklet for
Hex(63408E) contains.

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Color

Hex(63408E)

Conversions

Conversions Part 1

Format	Color
Hex	63408E
RGB	99, 64, 142
RGB Percent	39%, 25%, 56%
CMY	0.6118, 0.7490, 0.4431
CMYK	0.30, 0.55, 0.00, 0.44
HSL	267°, 38%, 40%
HSV	267°, 55%, 56%
XYZ	11.8615, 8.2724, 26.5628
YIQ	83.3570, -4.1780, 31.6780

Conversions

Conversions Part 2

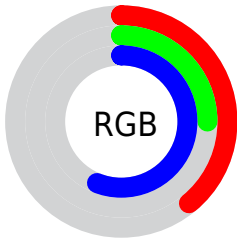
Format	Color
R_{YB}	99, 64, 142
Decimal	6504590
CIE _{Lab}	34.54, 32.00, -37.82
CIE _{LCh}	35, 49.546, 310.234
Yxy	8.2724, 0.2540, 0.1772
Android (android.graphics.Color)	4284694670 (0xFF63408E)
YUV	83.3570, 28.9110, 13.7189
Hunter-Lab	28.7618, 23.2807, -34.6235

Details

The Hex color **63408E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B8E40**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9871C4**, and **30125B** is the 20% darker color. If you saturate the color by 10%, you get **5B328E**, and if you desaturate by 10%, it is **6B4E8E**.

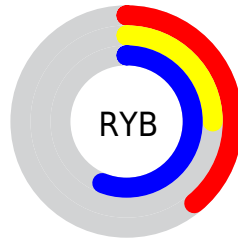
Distribution



Red (39%)

Green (25%)

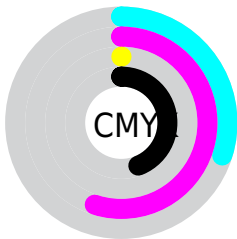
Blue (56%)



Red (39%)

Yellow (25%)

Blue (56%)

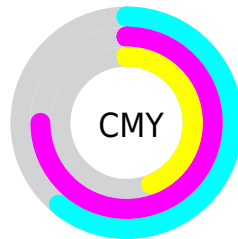


Cyan (30%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63408E 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 63408E by changing the saturation by 10% instead.

63408E

63408E

FFFFFF

492974

9871C4

30125B

B48BE0

170043

D0A5FD

00002C

EDC1FF

000116

FFDDFF

000000

FFFAFF

63408E

63408E

5B328E

6B4E8E

■ 53248E

■ 735C8E

■ 4C158E

■ 7A6B8E

■ 44078E

■ 82798E

■ 40008E

■ 8A878E

■ 92958E

■ 9AA38E

■ A2B28E

■ A9C08E

Harmonies

Analogous

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



0052A0



63408E



8A2C6D

Triad

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



63408E



784600



00635E

Complementary

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



63408E



6B8E40

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.



006135



63408E



575400

Square

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



63408E



8F3320



2A5D0A



006284

Rectangle

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



63408E



952453



2A5D0A



006350

Sweetspot

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



63408E



A79AB8



406C8E



524A5C



DBDBDB



5C5C5C

Same Dimension

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



63408E



753EB8



89408E



434047



3D0087



030008

Inverse Universe

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



8E406B



B83E81



458E40



474044



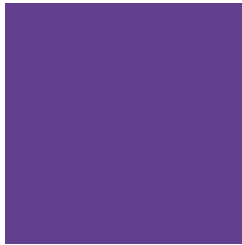
87004B



080004

Previews

White Background



This preview shows how the Hex color 63408E looks on a white background.

Color Contrast Check

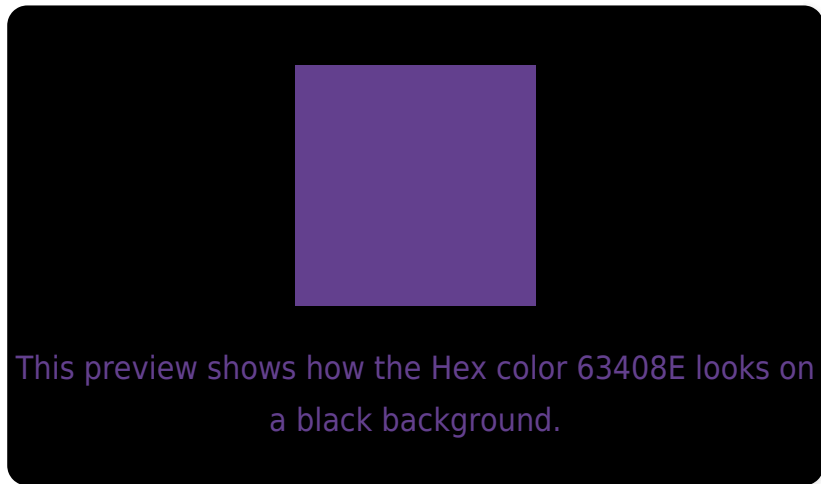
Large Text (above 18pt) WCAG AA ✓ Pass

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

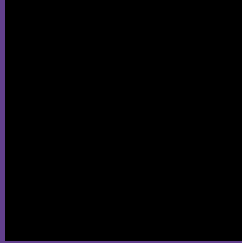
Any Text WCAG AA × Fail

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 63408E Background



This preview shows how black text looks on a background with the Hex color 63408E.

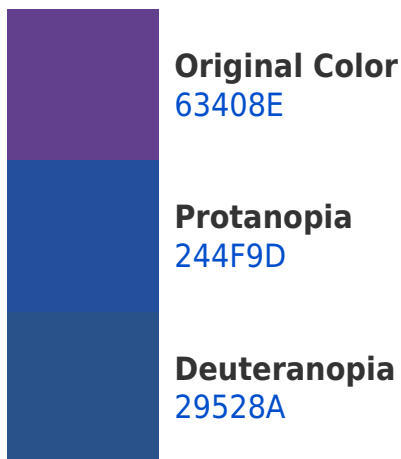


This preview shows how white text looks on a background with the Hex color 63408E.

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





Tritanopia
584F55

Trichromacy



Original Color
63408E

Protanomaly
3B4A98

Deuteranomaly
3E4B8B

Tritanomaly
5C4A6A

Monochromacy



Original Color
63408E

Achromatopsia
535353

Achromatomaly
594C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 63408E 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 #63408E looks like.

```
.text, #text, p{  
    color:#63408E  
}
```

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 #63408E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63408E
}
```

Border

The CSS property to change the border of an element to Hex 63408E is called "border". The border property can be set on classes, ids or directly on the HTML element.

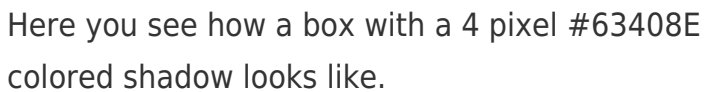
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63408E }
```

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

```
.border{ border-color:#63408E }
```

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



Here you see how a box with a 4 pixel #63408E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63408E; -webkit-box-shadow:4px 4px  
4px 4px #63408E; box-shadow:4px 4px 4px  
4px #63408E }
```

Background

The CSS property to change the background color of an element to Hex 63408E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63408E }
```

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

```
.background{ background-color:#63408E }
```

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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