

# Converting Colors

Hex(44325B)

Have a look what the booklet for  
Hex(44325B) contains.

<b>Hex(44325B)</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(44325B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44325B
RGB	68, 50, 91
RGB Percent	27%, 20%, 36%
CMY	0.7333, 0.8039, 0.6431
CMYK	0.25, 0.45, 0.00, 0.64
HSL	266°, 29%, 28%
HSV	266°, 45%, 36%
XYZ	5.4128, 4.2655, 10.4356
YIQ	60.0560, -2.4330, 16.5670

# Conversions

## Conversions Part 2

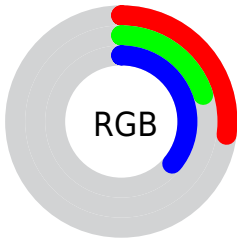
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 50, 91
Decimal	4469339
CIELab	24.53, 17.67, -21.65
CIElCh	25, 27.942, 309.221
Yxy	4.2655, 0.2691, 0.2121
Android (android.graphics.Color)	4282659419 (0xFF44325B)
YUV	60.0560, 15.2554, 6.9669
Hunter-Lab	20.6530, 10.6391, -15.5009

# Details

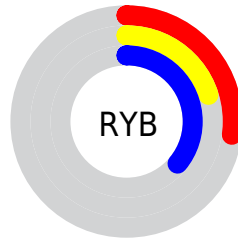
The Hex color **44325B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **495B32**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **75618D**, and **18052D** is the 20% darker color. If you saturate the color by 10%, you get **3F295B**, and if you desaturate by 10%, it is **493B5B**.

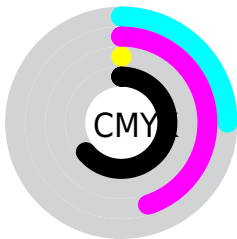
# Distribution



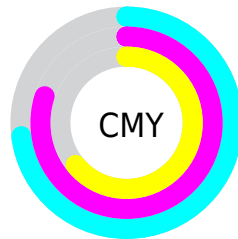
- Red (27%)
- Green (20%)
- Blue (36%)



- Red (27%)
- Yellow (20%)
- Blue (36%)



- Cyan (25%)
- Magenta (45%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (80%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44325B 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 44325B by changing the saturation by 10% instead.





44325B



44325B

FFFFFF



2D1D43



75618D



18052D



8F7AA8



000118



AA93C3



000000



C5AEDF



E1C9FC



FEE6FF



44325B



44325B



3F295B



493B5B

■ 3A205B

■ 4E445B

■ 35175B

■ 534D5B

■ 300E5B

■ 58565B

■ 2A055B

■ 5E605B

■ 28005B

■ 63695B

■ 68725B

■ 6D7B5B

■ 72845B

# Harmonies

## Analogous

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



1F3A64



44325B



592A4A

# Triad

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



44325B



523412



004540

# Complementary

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



44325B



495B32

# 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.



02442B



44325B



403B0E

# Square

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



44325B



5E2C21



294118



004454

# Rectangle

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



44325B



60273C



294118



004439



# Sweetspot

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



44325B



6C6575



32495B



35313B



BABABA



3B3B3B



# Same Dimension

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



44325B



523675



58325B



2B292E



30006E



6800ED



# Inverse Universe

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



5B3249



753659



355B32



2E292C



6E003E



ED0085



# Previews

## White Background



This preview shows how the Hex color 44325B looks on a white background.

## Color Contrast Check

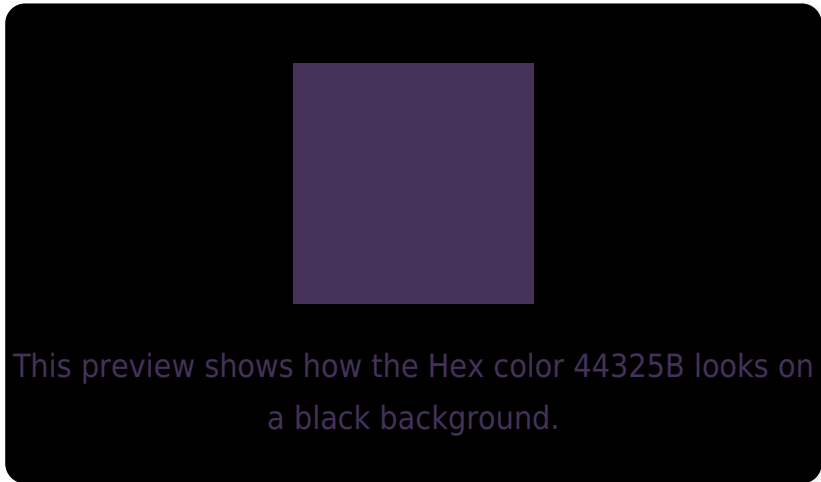
Large Text (above 18pt) WCAG AA ✓ Pass

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

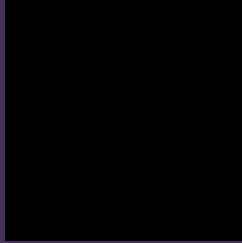
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44325B Background



This preview shows how black text looks on a background with the Hex color 44325B.



This preview shows how white text looks on a background with the Hex color 44325B.

# 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**  
44325B

**Protanopia**  
2A3961

**Deuteranopia**  
2B3A59



**Tritanopia**  
3F393D

# Trichromacy



**Original Color**  
44325B

**Protanomaly**  
33365F

**Deuteranomaly**  
34375A

**Tritanomaly**  
413648

# Monochromacy



**Original Color**  
44325B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3F3847

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44325B 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 #44325B looks like.

```
.text, #text, p{  
    color:#44325B  
}
```

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 #44325B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44325B  
}
```

## Border

The CSS property to change the border of an element to Hex 44325B is called "border". The border property can be set on classes, ids or directly on the HTML element.

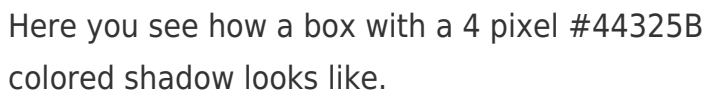
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#44325B }
```

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

```
.border{ border-color:#44325B }
```

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



Here you see how a box with a 4 pixel #44325B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44325B; -webkit-box-shadow:4px 4px  
4px 4px #44325B; box-shadow:4px 4px 4px  
4px #44325B }
```

# Background

The CSS property to change the background color of an element to Hex 44325B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44325B }
```

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

```
.background{ background-color:#44325B }
```

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