

Converting Colors

Hex(44438C)

Have a look what the booklet for
Hex(44438C) contains.

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Color

Hex(44438C)

Conversions

Conversions Part 1

Format	Color
Hex	44438C
RGB	68, 67, 140
RGB Percent	27%, 26%, 55%
CMY	0.7333, 0.7373, 0.4510
CMYK	0.51, 0.52, 0.00, 0.45
HSL	241°, 35%, 41%
HSV	241°, 52%, 55%
XYZ	9.1247, 7.1367, 25.7075
YIQ	75.6210, -22.8370, 22.9150

Conversions

Conversions Part 2

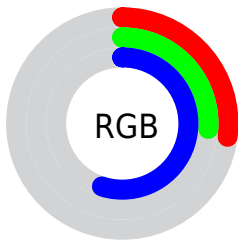
Format	Color
R_{YB}	68, 67, 140
Decimal	4473740
CIE _{Lab}	32.12, 21.55, -40.65
CIE _{LCh}	32, 46.011, 297.924
Yxy	7.1367, 0.2174, 0.1700
Android (android.graphics.Color)	4282663820 (0xFF44438C)
YUV	75.6210, 31.7388, -6.6836
Hunter-Lab	26.7146, 14.2181, -38.3547

Details

The Hex color **44438C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B8C43**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7973C2**, and **061859** is the 20% darker color. If you saturate the color by 10%, you get **36358C**, and if you desaturate by 10%, it is **52518C**.

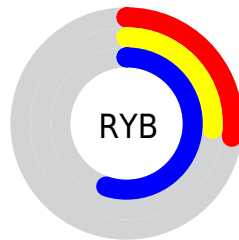
Distribution



Red (27%)

Green (26%)

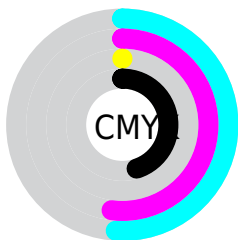
Blue (55%)



Red (27%)

Yellow (26%)

Blue (55%)

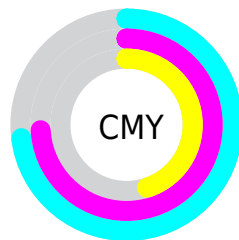


Cyan (51%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44438C 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 44438C by changing the saturation by 10% instead.

■ 44438C

■ 44438C

FFFFFF

■ 292D72

■ 7973C2

■ 061859

■ 948DDE

■ 000041

■ B0A7FB

■ 00032A

■ CCC2FF

■ 000115

■ E9DEFF

■ 000000

■ FFFBFF

■ 44438C

■ 44438C

■ 36358C

■ 52518C

■ 28278C

■ 605F8C

■ 1B198C

■ 6D6D8C

■ 0D0B8C

■ 7B7B8C

■ 02008C

■ 89898C

■ 97978C

■ A5A58C

■ B2B38C

■ C0C18C

Harmonies

Analogous

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



005194



44438C



743173

Triad

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



44438C



793A0A



005C48

Complementary

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



44438C



8B8C43

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.



005922



44438C



5E4900

Square

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



44438C



892A2C



3B5300



005C6D

Rectangle

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



44438C



84275C



3B5300



005B3B

Sweetspot

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



44438C



9898B5



438C8C



4B4A5C



DBDBDB



5C5C5C

Same Dimension

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



44438C



4543B5



68438C



3E3E45



020085



000005

Inverse Universe

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



8C438B



B543B3



688C43



453E45



850083



050005

Previews

White Background



This preview shows how the Hex color 44438C looks on a white background.

Color Contrast Check

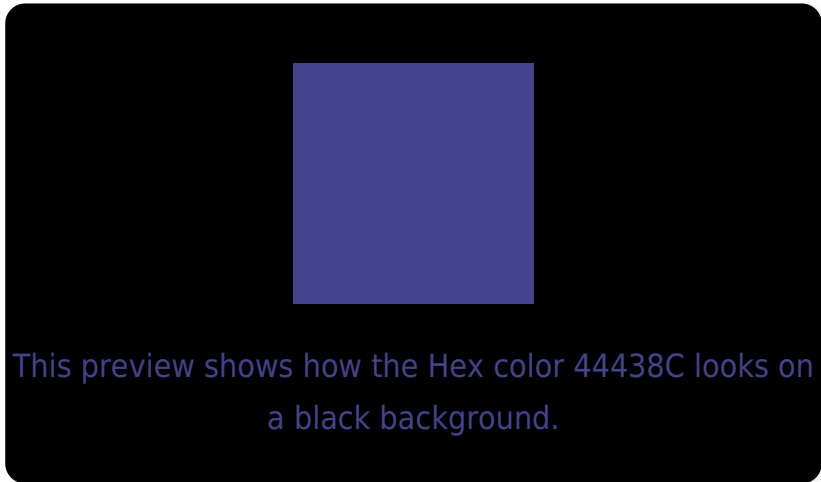
Large Text (above 18pt) WCAG AA ✓ Pass

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

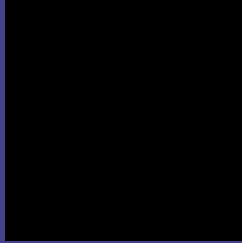
Any Text WCAG AA × Fail

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 44438C Background



This preview shows how black text looks on a background with the Hex color 44438C.



This preview shows how white text looks on a background with the Hex color 44438C.

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](#).

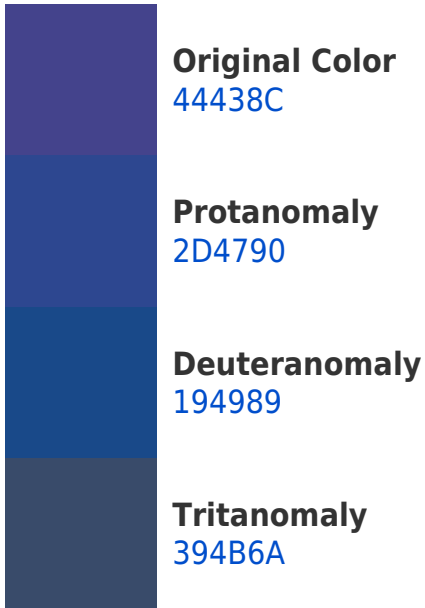
Dichromacy





Tritanopia
335057

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44438C 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 #44438C looks like.

```
.text, #text, p{  
    color:#44438C  
}
```

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 #44438C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44438C
}
```

Border

The CSS property to change the border of an element to Hex 44438C is called "border". The border property can be set on classes, ids or directly on the HTML element.

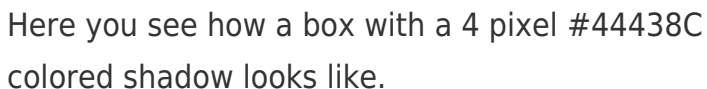
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44438C }
```

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

```
.border{ border-color:#44438C }
```

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



Here you see how a box with a 4 pixel #44438C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44438C; -webkit-box-shadow:4px 4px  
4px 4px #44438C; box-shadow:4px 4px 4px  
4px #44438C }
```

Background

The CSS property to change the background color of an element to Hex 44438C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44438C }
```

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

```
.background{ background-color:#44438C }
```

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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