

Converting Colors

Hex(44277A)

Have a look what the booklet for
Hex(44277A) contains.

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Color

Hex(44277A)

Conversions

Conversions Part 1

Format	Color
Hex	44277A
RGB	68, 39, 122
RGB Percent	27%, 15%, 48%
CMY	0.7333, 0.8471, 0.5216
CMYK	0.44, 0.68, 0.00, 0.52
HSL	261°, 52%, 32%
HSV	261°, 68%, 48%
XYZ	6.6223, 4.0851, 18.8518
YIQ	57.1330, -9.3590, 31.9610

Conversions

Conversions Part 2

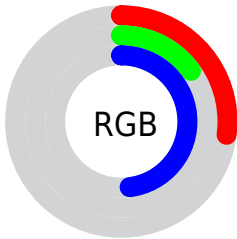
Format	Color
R_{YB}	68, 39, 122
Decimal	4466554
CIE _{Lab}	23.95, 33.54, -42.59
CIE _{LCh}	24, 54.212, 308.222
Yxy	4.0851, 0.2240, 0.1382
Android (android.graphics.Color)	4282656634 (0xFF44277A)
YUV	57.1330, 31.9794, 9.5304
Hunter-Lab	20.2117, 23.1143, -41.1527

Details

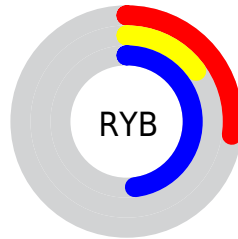
The Hex color **44277A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **5D7A27**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7956AF**, and **0E0048** is the 20% darker color. If you saturate the color by 10%, you get **3C1B7A**, and if you desaturate by 10%, it is **4C337A**.

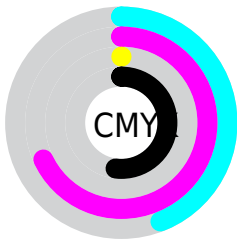
Distribution



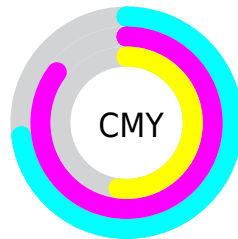
- Red (27%)
- Green (15%)
- Blue (48%)



- Red (27%)
- Yellow (15%)
- Blue (48%)



- Cyan (44%)
- Magenta (68%)
- Yellow (0%)
- Black (52%)



- Cyan (73%)
- Magenta (85%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44277A 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 44277A by changing the saturation by 10% instead.

■ 44277A

■ 44277A

FFFFFF

■ 2A1061

■ 7956AF

■ 0E0048

■ 946FCB

■ 000031

■ AF89E7

■ 00011B

■ CCA3FF

■ 000000

■ E8BFFF

■ FFDBFF

■ FFF7FF

■ 44277A

■ 44277A

■ 3C1B7A

■ 4C337A

■ 340F7A

■ 543F7A

■ 2C027A

■ 5C4C7A

■ 2B007A

■ 64587A

■ 6C647A

■ 74707A

■ 7C7C7A

■ 83897A

■ 8B957A

Harmonies

Analogous

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



003B8B



44277A



700058

Triad

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



44277A



5E2B00



004944

Complementary

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



44277A



5D7A27

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.



004818



44277A



3D3B00

Square

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



44277A



750C05



0A4400



00496B

Rectangle

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



44277A



7B003D



0A4400



004935

Sweetspot

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



44277A



8A7E9E



275E7A



433C4F



CFCFCF



4F4F4F

Same Dimension

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



44277A



4A1C9E



6C277A



39373D



2C007D



5800FC

Inverse Universe

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



7A275D



9E1C71



357A27



3D373B



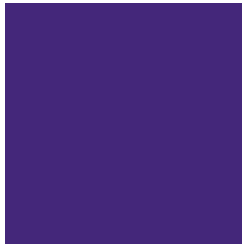
7D0051



FC00A4

Previews

White Background



This preview shows how the Hex color 44277A 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

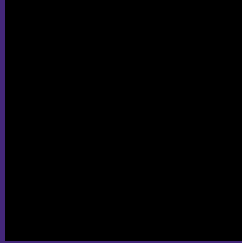
Any Text WCAG AA × Fail

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 44277A Background



This preview shows how black text looks on a background with the Hex color 44277A.



This preview shows how white text looks on a background with the Hex color 44277A.

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
44277A

Protanopia
003775

Deuteranopia
003B66



Tritanopia
353A3F

Trichromacy



Original Color
44277A

Protanomaly
193177

Deuteranomaly
19346D

Tritanomaly
3A3354

Monochromacy



Original Color
44277A

Achromatopsia
393939

Achromatomaly
3D3251

CSS Examples

Text

The CSS property to change the color of the text to Hex 44277A 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 #44277A looks like.

```
.text, #text, p{  
    color:#44277A  
}
```

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 #44277A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44277A
}
```

Border

The CSS property to change the border of an element to Hex 44277A is called "border". The border property can be set on classes, ids or directly on the HTML element.

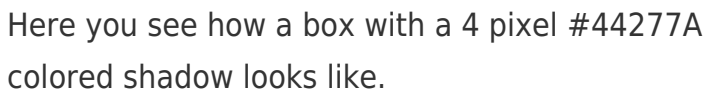
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44277A }
```

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

```
.border{ border-color:#44277A }
```

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



Here you see how a box with a 4 pixel #44277A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44277A; -webkit-box-shadow:4px 4px  
4px 4px #44277A; box-shadow:4px 4px 4px  
4px #44277A }
```

Background

The CSS property to change the background color of an element to Hex 44277A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44277A }
```

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

```
.background{ background-color:#44277A }
```

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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