

Converting Colors

Hex(45008A)

Have a look what the booklet for
Hex(45008A) contains.

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Color

Hex(45008A)

Conversions

Conversions Part 1

Format	Color
Hex	45008A
RGB	69, 0, 138
RGB Percent	27%, 0%, 54%
CMY	0.7294, 1.0000, 0.4588
CMYK	0.50, 1.00, 0.00, 0.46
HSL	270°, 100%, 27%
HSV	270°, 100%, 54%
XYZ	7.0417, 3.1002, 24.2720
YIQ	36.3630, -3.1740, 57.5460

Conversions

Conversions Part 2

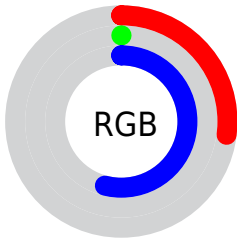
Format	Color
RYB	69, 0, 138
Decimal	4522122
CIELab	20.44, 52.93, -58.44
CIElCh	20, 78.843, 312.166
Yxy	3.1002, 0.2046, 0.0901
Android (android.graphics.Color)	4282712202 (0xFF45008A)
YUV	36.3630, 50.1070, 28.6226
Hunter-Lab	17.6073, 40.5745, -69.4071

Details

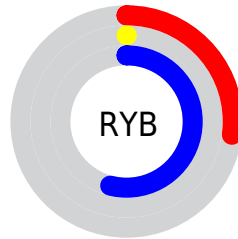
The Hex color **45008A** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **458A00**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7E3DC1**, and **050057** is the 20% darker color. If you saturate the color by 10%, you get **45008A**, and if you desaturate by 10%, it is **4C0E8A**.

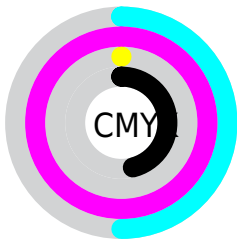
Distribution



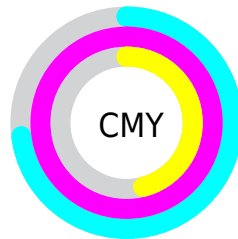
- Red (27%)
- Green (0%)
- Blue (54%)



- Red (27%)
- Yellow (0%)
- Blue (54%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (46%)



- Cyan (73%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45008A 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 45008A by changing the saturation by 10% instead.

 45008A

 45008A

 FFFCFF

 270070

 7E3DC1

 050057

 9A56DD

 00003E

 B771FA

 000327

 D48BFF

 000111

 F1A6FF

 000000

 FFC2FF

 FFDFFF

 45008A

 4C0E8A

 531C8A

 5A298A

 61378A

 68458A

 6E538A

 75618A

 7C6E8A

 837C8A

Harmonies

Analogous

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



0035A8



45008A



800056

Triad

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



45008A



592000



004449

Complementary

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



45008A



458A00

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.



004307



45008A



273700

Square

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



45008A



7B0000



003F00



004580

Rectangle

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



45008A



8C0030



003F00



004434

Sweetspot

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



45008A



987DB3



00458A



493959



D9D9D9



595959

Same Dimension

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



45008A



5900B3



8A008A



413E45



420085



030005

Inverse Universe

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



8A0045



B30059



008A00



453E41



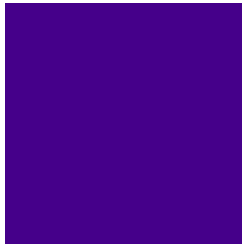
850042



050003

Previews

White Background



This preview shows how the Hex color 45008A looks on a white background.

Color Contrast Check

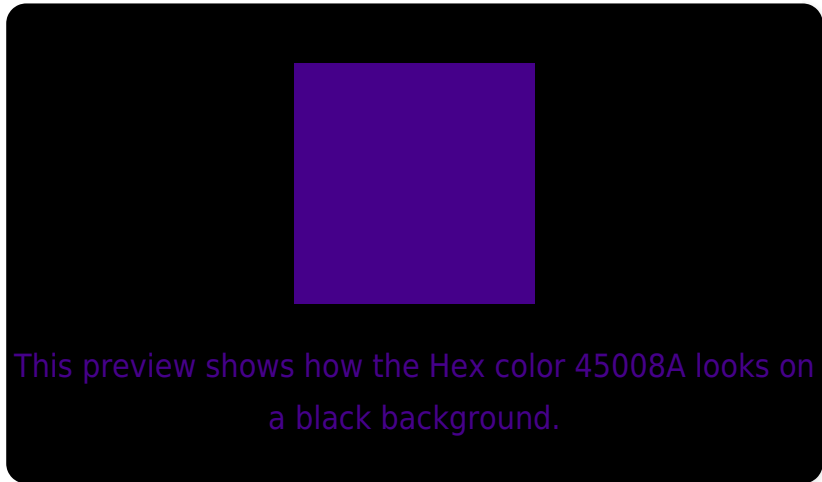
Large Text (above 18pt) WCAG AA ✓ Pass

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

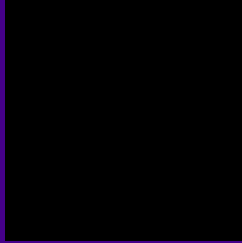
Any Text WCAG AA × Fail

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 45008A Background



This preview shows how black text looks on a background with the Hex color 45008A.



This preview shows how white text looks on a background with the Hex color 45008A.

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](#).

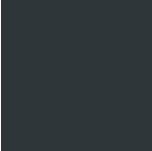
Dichromacy



Original Color
45008A

Protanopia
00336B

Deuteranopia
00365B



Tritanopia
2E363A

Trichromacy



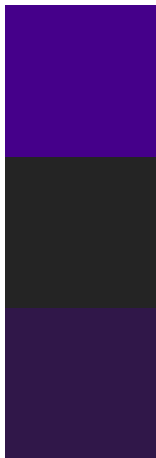
Original Color
45008A

Protanomaly
192076

Deuteranomaly
19226C

Tritanomaly
362257

Monochromacy



Original Color
45008A

Achromatopsia
242424

Achromatomaly
301749

CSS Examples

Text

The CSS property to change the color of the text to Hex 45008A 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 #45008A looks like.

```
.text, #text, p{  
    color:#45008A  
}
```

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 #45008A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45008A
}
```

Border

The CSS property to change the border of an element to Hex 45008A is called "border". The border property can be set on classes, ids or directly on the HTML element.

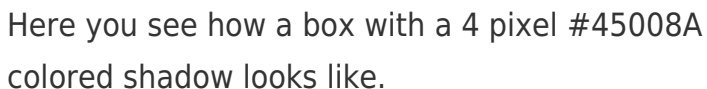
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45008A }
```

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

```
.border{ border-color:#45008A }
```

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



Here you see how a box with a 4 pixel #45008A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45008A; -webkit-box-shadow:4px 4px  
4px 4px #45008A; box-shadow:4px 4px 4px  
4px #45008A }
```

Background

The CSS property to change the background color of an element to Hex 45008A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45008A }
```

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

```
.background{ background-color:#45008A }
```

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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