

Converting Colors

Hex(25008B)

Have a look what the booklet for
Hex(25008B) contains.

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Color

Hex(25008B)

Conversions

Conversions Part 1

Format	Color
Hex	25008B
RGB	37, 0, 139
RGB Percent	15%, 0%, 55%
CMY	0.8549, 1.0000, 0.4549
CMYK	0.73, 1.00, 0.00, 0.45
HSL	256°, 100%, 27%
HSV	256°, 100%, 55%
XYZ	5.4231, 2.2574, 24.5760
YIQ	26.9090, -22.5670, 51.0730

Conversions

Conversions Part 2

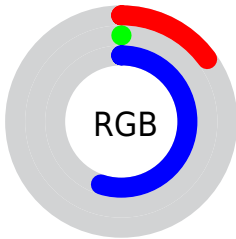
Format	Color
R_{YB}	37, 0, 139
Decimal	2424971
CIE _{Lab}	16.78, 51.18, -65.25
CIE _{LCh}	17, 82.926, 308.110
Yxy	2.2574, 0.1681, 0.0700
Android (android.graphics.Color)	4280615051 (0xFF25008B)
YUV	26.9090, 55.2609, 8.8498
Hunter-Lab	15.0246, 38.1366, -86.4642

Details

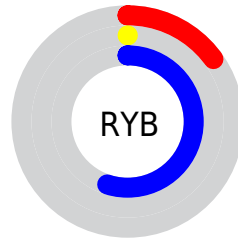
The Hex color **25008B** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **668B00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6537C2**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **25008B**, and if you desaturate by 10%, it is **2F0E8B**.

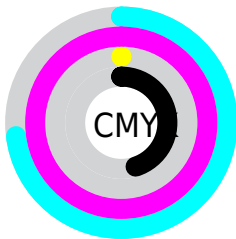
Distribution



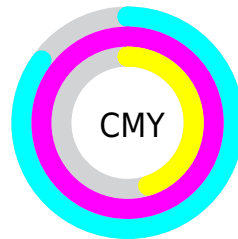
- Red (15%)
- Green (0%)
- Blue (55%)



- Red (15%)
- Yellow (0%)
- Blue (55%)



- Cyan (73%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25008B 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 25008B by changing the saturation by 10% instead.


 25008B

 25008B

 FFF4FF

 000071

 6537C2

 000057

 8251DE

 00063F

 9F6AFB

 000328

 BC84FF

 000112

 DA9FFF

 000000

 F8BBFF

 FFD7FF

 25008B

■ 2F0E8B

■ 391C8B

■ 442A8B

■ 4E388B

■ 58468B

■ 62538B

■ 6C618B

■ 776F8B

■ 817D8B

Harmonies

Analogous

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



0031A6



25008B



740057

Triad

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



25008B



550F00



003B39

Complementary

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



25008B



668B00

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.



003A00



25008B



262D00

Square

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



25008B



760000



003600



003E74

Rectangle

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



25008B



830030



003600



003B24

Sweetspot

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



25008B



8D7FB5



00688B



443B5C



DBDBDB



5C5C5C

Same Dimension

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



25008B



3000B5



68008B



403E45



230085



010005

Inverse Universe

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



8B0066



B50085



238B00



453E43



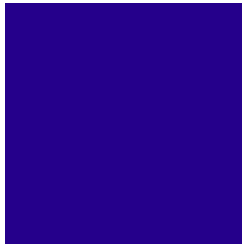
850061



050004

Previews

White Background



This preview shows how the Hex color 25008B looks on a white background.

Color Contrast Check

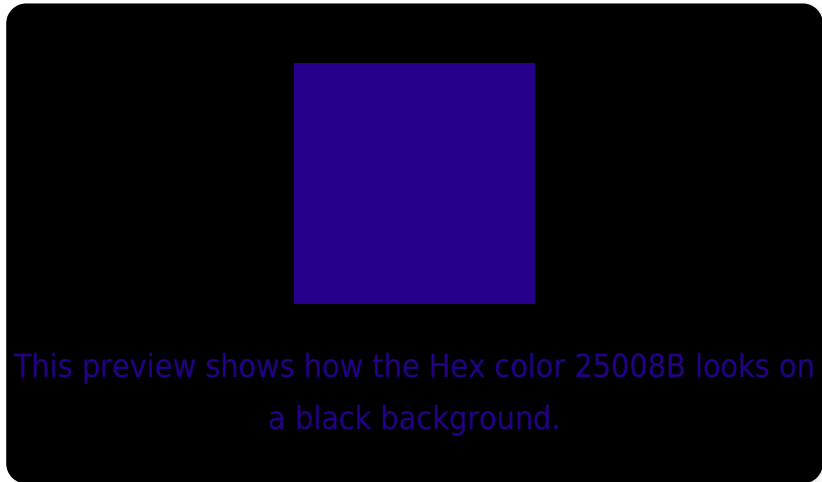
Large Text (above 18pt) WCAG AA ✓ Pass

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

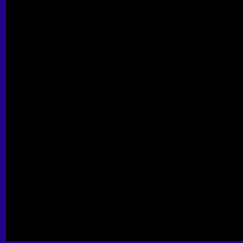
Any Text WCAG AA × Fail

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 25008B Background



This preview shows how black text looks on a background with the Hex color 25008B.



This preview shows how white text looks on a background with the Hex color 25008B.

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
25008B

Protanopia
002C5B

Deuteranopia
002F4E

Trichromacy



Original Color
25008B

Protanomaly
0D1C6C

Deuteranomaly
0D1E64

Tritanomaly
0D2054

Monochromacy



Original Color
25008B

Achromatopsia
1B1B1B

Achromatomaly
1F1144

CSS Examples

Text

The CSS property to change the color of the text to Hex 25008B 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 #25008B looks like.

```
.text, #text, p{  
    color:#25008B  
}
```

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 #25008B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25008B
}
```

Border

The CSS property to change the border of an element to Hex 25008B is called "border". The border property can be set on classes, ids or directly on the HTML element.

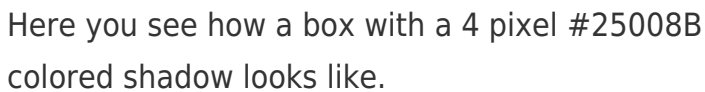
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25008B }
```

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

```
.border{ border-color:#25008B }
```

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



Here you see how a box with a 4 pixel #25008B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25008B; -webkit-box-shadow:4px 4px  
4px 4px #25008B; box-shadow:4px 4px 4px  
4px #25008B }
```

Background

The CSS property to change the background color of an element to Hex 25008B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25008B }
```

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

```
.background{ background-color:#25008B }
```

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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