

Converting Colors

Hex(00208B)

Have a look what the booklet for
Hex(00208B) contains.

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Color

Hex(00208B)

Conversions

Conversions Part 1

Format	Color
Hex	00208B
RGB	0, 32, 139
RGB Percent	0%, 13%, 55%
CMY	1.0000, 0.8745, 0.4549
CMYK	1.00, 0.77, 0.00, 0.45
HSL	226°, 100%, 27%
HSV	226°, 100%, 55%
XYZ	5.1767, 2.8971, 24.7125
YIQ	34.6300, -53.4190, 26.4930

Conversions

Conversions Part 2

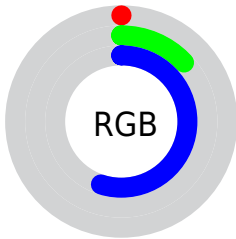
Format	Color
RYB	0, 26, 139
Decimal	8331
CIELab	19.63, 35.96, -60.57
CIELCh	20, 70.443, 300.700
Yxy	2.8971, 0.1579, 0.0884
Android (android.graphics.Color)	4278198411 (0xFF00208B)
YUV	34.6300, 51.4544, -30.3705
Hunter-Lab	17.0209, 24.5023, -74.1680

Details

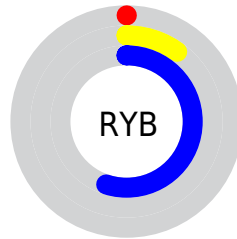
The Hex color **00208B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B6B00**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **534DC2**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **00208B**, and if you desaturate by 10%, it is **0E2B8B**.

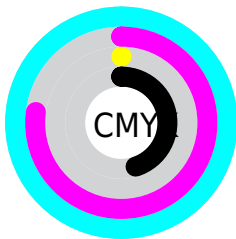
Distribution



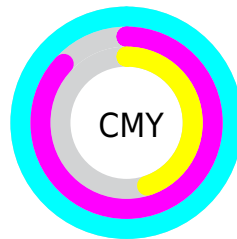
- Red (0%)
- Green (13%)
- Blue (55%)



- Red (0%)
- Yellow (10%)
- Blue (55%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00208B 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 00208B by changing the saturation by 10% instead.

■ 00208B

■ 00208B

FFFFFF

■ 000C71

■ 534DC2

■ 000058

■ 7165DE

■ 00063F

■ 8E7EFB

■ 000328

■ AB98FF

■ 000112

■ C8B3FF

■ 000000

■ E6CFFF

■ FFE8FF

■ 00208B

■ 0E2B8B

■ 1C358B

■ 2A408B

■ 384B8B

■ 46568B

■ 53608B

■ 616B8B

■ 6F768B

■ 7D808B

Harmonies

Analogous

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



00389B



00208B



690063

Triad

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



00208B



611000



004130

Complementary

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



00208B



8B6B00

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.



003E00



00208B



3B2F00

Square

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



00208B



7B0000



003A00



004264

Rectangle

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



00208B



7C0042



003A00



00401D

Sweetspot

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



00208B



7F8BB5



008B6B



3B425C



DBDBDB



5C5C5C

Same Dimension

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



00208B



002AB5



25008B



3E4045



001F85



000105

Inverse Universe

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



8B0020



B5002A



668B00



453E40



85001F



050001

Previews

White Background



This preview shows how the Hex color 00208B looks on a white background.

Color Contrast Check

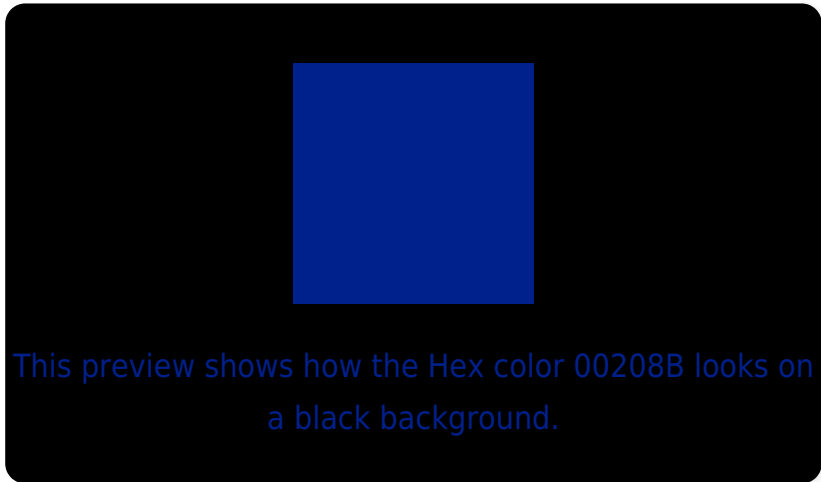
Large Text (above 18pt) WCAG AA ✓ Pass

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

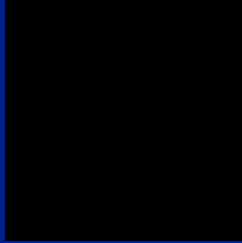
Any Text WCAG AA × Fail

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 00208B Background



This preview shows how black text looks on a background with the Hex color 00208B.



This preview shows how white text looks on a background with the Hex color 00208B.

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
00208B

Protanopia
002F63

Deuteranopia
003254

Trichromacy



Original Color
00208B

Protanomaly
002A72

Deuteranomaly
002B68

Tritanomaly
002E57

Monochromacy



Original Color
00208B

Achromatopsia
232323

Achromatomaly
162249

CSS Examples

Text

The CSS property to change the color of the text to Hex 00208B 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 #00208B looks like.

```
.text, #text, p{  
    color:#00208B  
}
```

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 #00208B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00208B
}
```

Border

The CSS property to change the border of an element to Hex 00208B 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
#00208B }
```

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

```
.border{ border-color:#00208B }
```

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

Here you see how a box with a 4 pixel #00208B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00208B; -webkit-box-shadow:4px 4px  
4px 4px #00208B; box-shadow:4px 4px 4px  
4px #00208B }
```

Background

The CSS property to change the background color of an element to Hex 00208B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00208B }
```

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

```
.background{ background-color:#00208B }
```

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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