

Converting Colors

Hex(00248E)

Have a look what the booklet for
Hex(00248E) contains.

Hex(00248E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00248E)

Conversions

Conversions Part 1

Format	Color
Hex	00248E
RGB	0, 36, 142
RGB Percent	0%, 14%, 56%
CMY	1.0000, 0.8588, 0.4431
CMYK	1.00, 0.75, 0.00, 0.44
HSL	225°, 100%, 28%
HSV	225°, 100%, 56%
XYZ	5.5134, 3.2147, 25.9211
YIQ	37.3200, -55.4820, 25.3340

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 29, 142
Decimal	9358
CIE _{Lab}	20.88, 34.57, -60.36
CIE _{LCh}	21, 69.558, 299.799
Yxy	3.2147, 0.1591, 0.0928
Android (android.graphics.Color)	4278199438 (0xFF00248E)
YUV	37.3200, 51.6072, -32.7296
Hunter-Lab	17.9297, 23.5115, -73.1651

Details

The Hex color **00248E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8E6A00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5451C5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **00248E**, and if you desaturate by 10%, it is **0E2F8E**.

Distribution



- Red (0%)
- Green (14%)
- Blue (56%)



- Red (0%)
- Yellow (11%)
- Blue (56%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (86%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00248E 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 00248E by changing the saturation by 10% instead.

■ 00248E

■ 00248E

FFFFFF

■ 001074

■ 5451C5

■ 00005A

■ 7169E1

■ 000742

■ 8F83FE

■ 00032B

■ AC9DFF

■ 000115

■ C9B8FF

■ 000000

■ E7D4FF

■ FFF0FF

■ 00248E

■ 0E2F8E

■ 1C398E

■ 2B448E

■ 394E8E

■ 47598E

■ 55648E

■ 636E8E

■ 72798E

■ 80838E

Harmonies

Analogous

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



003B9C



00248E



6A0067

Triad

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



00248E



651300



004331

Complementary

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



00248E



8E6A00

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.



004100



00248E



3F3100

Square

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



00248E



7E0000



003D00



004465

Rectangle

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



00248E



7F0046



003D00



00431E

Sweetspot

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



00248E



818EB8



008E68



3B435C



DBDBDB



5C5C5C

Same Dimension

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



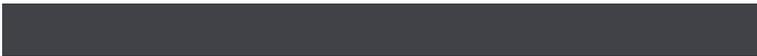
00248E



002FB8



21008E



404247



002287



000208

Inverse Universe

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



8E0024



B8002F



6D8E00



474042



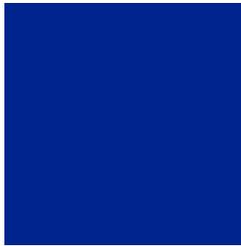
870022



080002

Previews

White Background



This preview shows how the Hex color 00248E looks on a white background.

Color Contrast Check

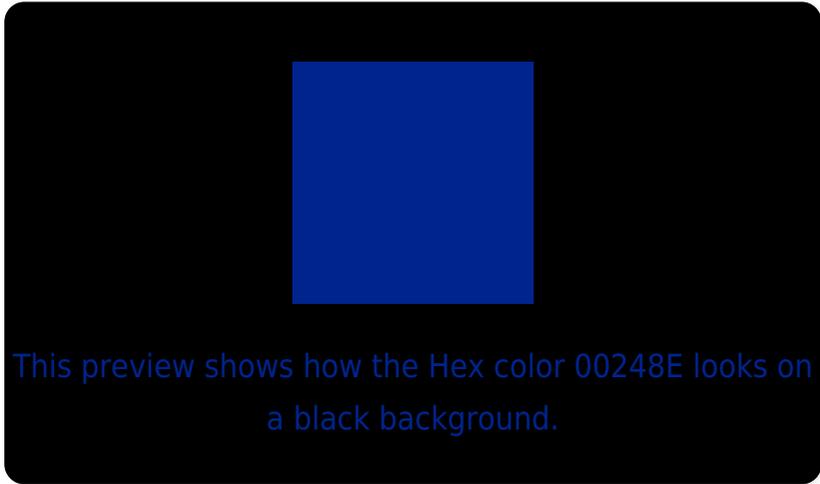
Large Text (above 18pt) WCAG AA ✓ Pass

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

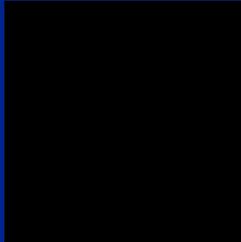
Any Text WCAG AA × Fail

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 00248E Background



This preview shows how black text looks on a background with the Hex color 00248E.



This preview shows how white text looks on a background with the Hex color 00248E.

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
00248E

Protanopia
003268

Deuteranopia
003559

Trichromacy



Original Color

00248E

Protanomaly

002D76

Deuteranomaly

002F6C

Tritanomaly

00315A

Monochromacy



Original Color

00248E

Achromatopsia

252525

Achromatomaly

18254B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00248E 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 #00248E looks like.

```
.text, #text, p{  
  color:#00248E  
}
```

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 #00248E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00248E
}
```

Border

The CSS property to change the border of an element to Hex 00248E is called "border". The border property can be set on classes, ids or directly on the HTML element.

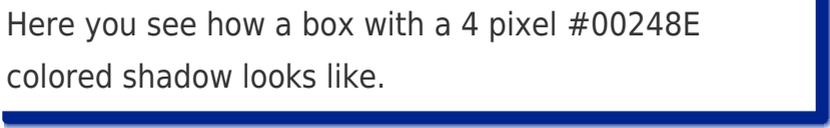
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00248E }
```

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

```
.border{ border-color:#00248E }
```

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



Here you see how a box with a 4 pixel #00248E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00248E; -webkit-box-shadow:4px 4px  
4px 4px #00248E; box-shadow:4px 4px 4px  
4px #00248E }
```

Background

The CSS property to change the background color of an element to Hex 00248E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00248E }
```

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

```
.background{ background-color:#00248E }
```

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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