

Converting Colors

Hex(20038A)

Have a look what the booklet for
Hex(20038A) contains.

Hex(20038A)	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(20038A)

Conversions

Conversions Part 1

Format	Color
Hex	20038A
RGB	32, 3, 138
RGB Percent	13%, 1%, 54%
CMY	0.8745, 0.9882, 0.4588
CMYK	0.77, 0.98, 0.00, 0.46
HSL	253°, 96%, 28%
HSV	253°, 98%, 54%
XYZ	5.2157, 2.2072, 24.1959
YIQ	27.0610, -26.0510, 48.1330

Conversions

Conversions Part 2

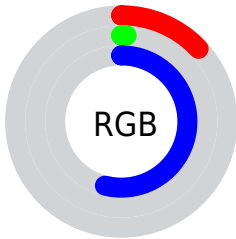
Format	Color
R_{YB}	32, 3, 138
Decimal	2098058
CIE _{Lab}	16.54, 49.75, -65.04
CIE _{LCh}	17, 81.884, 307.413
Yxy	2.2072, 0.1650, 0.0698
Android (android.graphics.Color)	4280288138 (0xFF20038A)
YUV	27.0610, 54.6929, 4.3315
Hunter-Lab	14.8566, 36.6667, -86.1619

Details

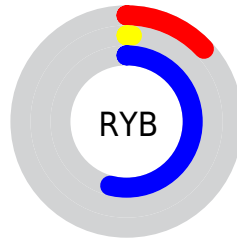
The Hex color **20038A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D8A03**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6139C1**, and **000056** is the 20% darker color. If you saturate the color by 10%, you get **1E008A**, and if you desaturate by 10%, it is **2B118A**.

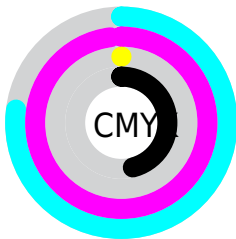
Distribution



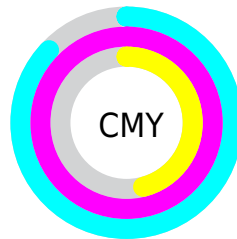
- Red (13%)
- Green (1%)
- Blue (54%)



- Red (13%)
- Yellow (1%)
- Blue (54%)



- Cyan (77%)
- Magenta (98%)
- Yellow (0%)
- Black (46%)



- Cyan (87%)
- Magenta (99%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20038A 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 20038A by changing the saturation by 10% instead.

 20038A

 20038A

 FFF4FF

 000070

 6139C1

 000056

 7F51DD

 00063E

 9C6BFA

 000327

 B985FF

 000111

 D6A0FF

 000000

 F4BBFF

 FFD8FF

 20038A

 20038A

■ 1E08A

■ 2B118A

■ 361F8A

■ 412C8A

■ 4B3A8A

■ 56488A

■ 61568A

■ 6C648A

■ 77718A

■ 827F8A

Harmonies

Analogous

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



0031A4



20038A



720057

Triad

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



20038A



55D00



003B37

Complementary

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



20038A



6D8A03

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.



003900



20038A



262C00

Square

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



20038A



750000



003600



003D71

Rectangle

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



20038A



810031



003600



003A22

Sweetspot

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



20038A



8A7FB3



036F8A



413A59



D9D9D9



595959

Same Dimension

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



20038A



2600B3



62038A



3F3E45



1C0085



010005

Inverse Universe

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



8A036D



B3008C



2B8A03



453E43



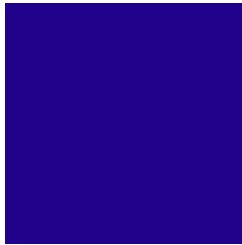
850068



050004

Previews

White Background



This preview shows how the Hex color 20038A looks on a white background.

Color Contrast Check

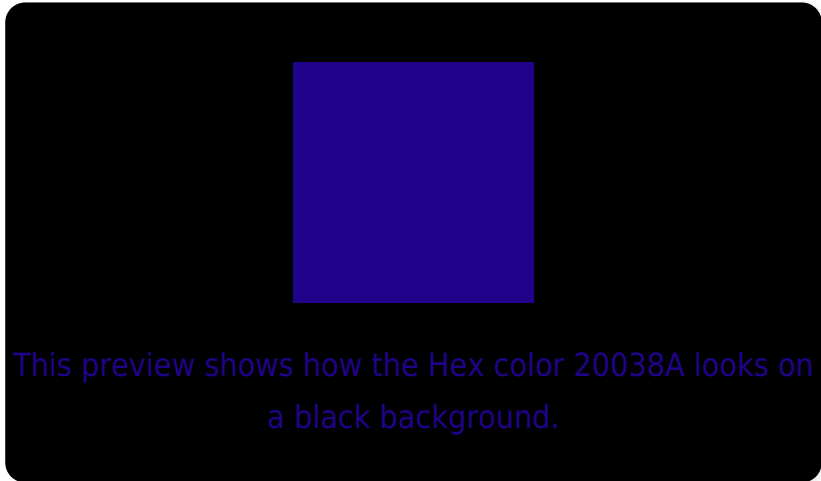
Large Text (above 18pt) WCAG AA ✓ Pass

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

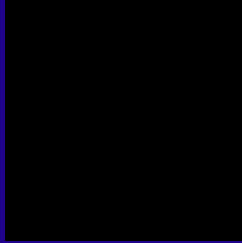
Any Text WCAG AA × Fail

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 20038A Background



This preview shows how black text looks on a background with the Hex color 20038A.



This preview shows how white text looks on a background with the Hex color 20038A.

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
20038A

Protanopia
002B59

Deuteranopia
002D4C

Trichromacy



Original Color
20038A

Protanomaly
0C1C6B

Deuteranomaly
0C1E63

Tritanomaly
0C2053

Monochromacy



Original Color
20038A

Achromatopsia
1B1B1B

Achromatomaly
1D1243

CSS Examples

Text

The CSS property to change the color of the text to Hex 20038A 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 #20038A looks like.

```
.text, #text, p{  
    color:#20038A  
}
```

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 #20038A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20038A
}
```

Border

The CSS property to change the border of an element to Hex 20038A is called "border". The border property can be set on classes, ids or directly on the HTML element.

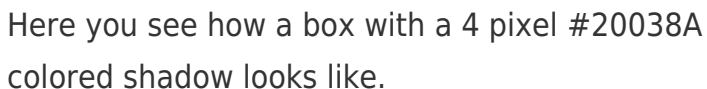
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20038A }
```

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

```
.border{ border-color:#20038A }
```

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



Here you see how a box with a 4 pixel #20038A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20038A; -webkit-box-shadow:4px 4px  
4px 4px #20038A; box-shadow:4px 4px 4px  
4px #20038A }
```

Background

The CSS property to change the background color of an element to Hex 20038A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20038A }
```

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

```
.background{ background-color:#20038A }
```

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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