

Converting Colors

Hex(0038AA)

Have a look what the booklet for
Hex(0038AA) contains.

Hex(0038AA)	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(0038AA)

Conversions

Conversions Part 1

Format	Color
Hex	0038AA
RGB	0, 56, 170
RGB Percent	0%, 22%, 67%
CMY	1.0000, 0.7804, 0.3333
CMYK	1.00, 0.67, 0.00, 0.33
HSL	220°, 100%, 33%
HSV	220°, 100%, 67%
XYZ	8.6699, 5.7306, 38.6794
YIQ	52.2520, -69.9700, 23.5820

Conversions

Conversions Part 2

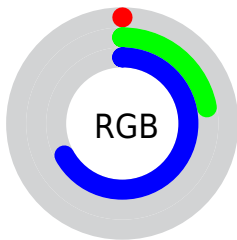
Format	Color
R _Y B	0, 42, 170
Decimal	14506
CIE Lab	28.72, 32.31, -64.54
CIE LCh	29, 72.172, 296.592
Yxy	5.7306, 0.1633, 0.1080
Android (android.graphics.Color)	4278204586 (0xFF0038AA)
YUV	52.2520, 58.0498, -45.8250
Hunter-Lab	23.9387, 22.7545, -79.0417

Details

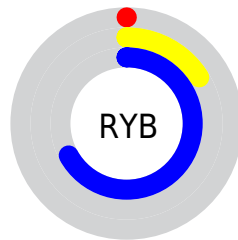
The Hex color **0038AA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA7200**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5B67E2**, and **001074** is the 20% darker color. If you saturate the color by 10%, you get **0038AA**, and if you desaturate by 10%, it is **1143AA**.

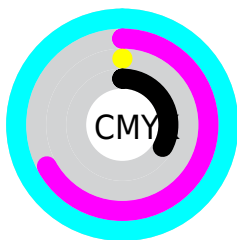
Distribution



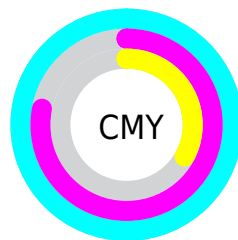
- Red (0%)
- Green (22%)
- Blue (67%)



- Red (0%)
- Yellow (16%)
- Blue (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (78%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0038AA 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 0038AA by changing the saturation by 10% instead.

■ 0038AA

■ 0038AA

FFFFFF

■ 00238F

■ 5B67E2

■ 001074

■ 7A80FF

■ 00005B

■ 989AFF

■ 000742

■ B6B4FF

■ 00032B

■ D4D0FF

■ 000116

■ F2ECFF

■ 000000

■ 0038AA

■ 1143AA

■ 224FAA

■ 335AAA

■ 4466AA

■ 5571AA

■ 667CAA

■ 7788AA

■ 8893AA

■ 999FAA

Harmonies

Analogous

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



004EB6



0038AA



7C0082

Triad

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



0038AA



822100



00583C

Complementary

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



0038AA



AA7200

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.



005500



0038AA



594000

Square

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



0038AA



9B0017



1F4E00



005975

Rectangle

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



0038AA



96005F



1F4E00



005727

Sweetspot

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



0038AA



9BB1DE



00AA71



485570



F0F0F0



707070

Same Dimension

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



0038AA



0049DE



1C00AA



4C4F54



003194



000714

Inverse Universe

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



AA0038



DE0049



8EAA00



544C4F



940031



140007

Previews

White Background



This preview shows how the Hex color 0038AA looks on a white background.

Color Contrast Check

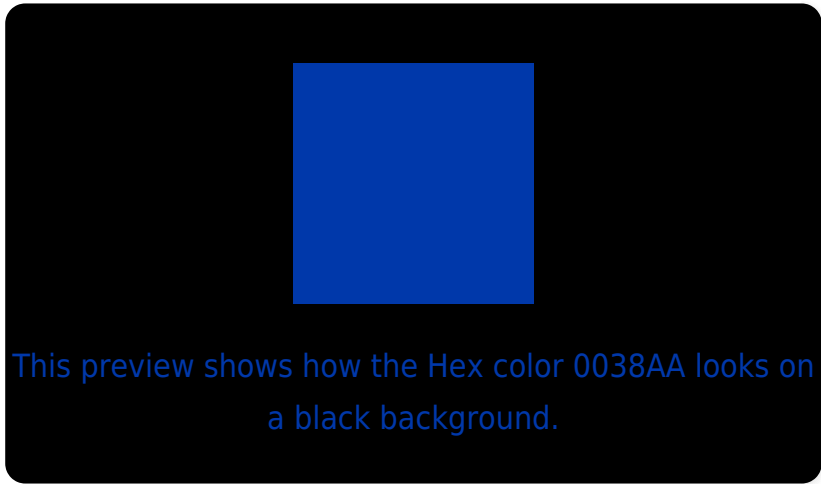
Large Text (above 18pt) WCAG AA ✓ Pass

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

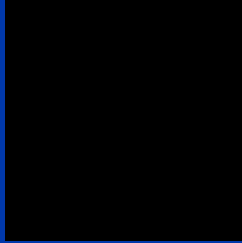
Any Text WCAG AA × Fail

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 0038AA Background



This preview shows how black text looks on a background with the Hex color 0038AA.



This preview shows how white text looks on a background with the Hex color 0038AA.

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
0038AA

Protanopia
00428B

Deuteranopia
004676



Tritanopia
004C50

Trichromacy



Original Color
0038AA

Protanomaly
003E96

Deuteranomaly
004189

Tritanomaly
004571

Monochromacy



Original Color
0038AA

Achromatopsia
343434

Achromatomaly
21355F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0038AA 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 #0038AA looks like.

```
.text, #text, p{  
    color:#0038AA  
}
```

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 #0038AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0038AA
}
```

Border

The CSS property to change the border of an element to Hex 0038AA 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
#0038AA }
```

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

```
.border{ border-color:#0038AA }
```

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

Here you see how a box with a 4 pixel #0038AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0038AA; -webkit-box-shadow:4px 4px  
4px 4px #0038AA; box-shadow:4px 4px 4px  
4px #0038AA }
```

Background

The CSS property to change the background color of an element to Hex 0038AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0038AA }
```

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

```
.background{ background-color:#0038AA }
```

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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