

Converting Colors

Hex(3941AA)

Have a look what the booklet for
Hex(3941AA) contains.

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Color

Hex(3941AA)

Conversions

Conversions Part 1

Format	Color
Hex	3941AA
RGB	57, 65, 170
RGB Percent	22%, 25%, 67%
CMY	0.7765, 0.7451, 0.3333
CMYK	0.66, 0.62, 0.00, 0.33
HSL	236°, 50%, 45%
HSV	236°, 66%, 67%
XYZ	10.8333, 7.5527, 38.9171
YIQ	74.5780, -38.4730, 30.9590

Conversions

Conversions Part 2

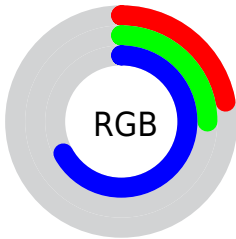
Format	Color
RYB	57, 64, 170
Decimal	3752362
CIELab	33.03, 31.07, -57.39
CIELCh	33, 65.267, 298.432
Yxy	7.5527, 0.1891, 0.1318
Android (android.graphics.Color)	4281942442 (0xFF3941AA)
YUV	74.5780, 47.0430, -15.4159
Hunter-Lab	27.4822, 22.2698, -64.7219

Details

The Hex color **3941AA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAA239**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7571E2**, and **001775** is the 20% darker color. If you saturate the color by 10%, you get **2831AA**, and if you desaturate by 10%, it is **4A51AA**.

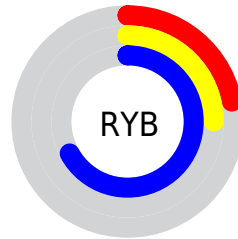
Distribution



Red (22%)

Green (25%)

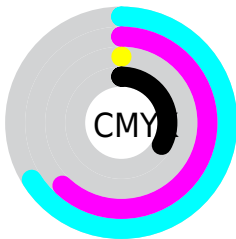
Blue (67%)



Red (22%)

Yellow (25%)

Blue (67%)

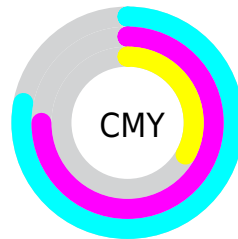


Cyan (66%)

Magenta (62%)

Yellow (0%)

Black (33%)



Cyan (78%)

Magenta (75%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3941AA 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 3941AA by changing the saturation by 10% instead.

■ 3941AA

■ 3941AA

FFFFFF

■ 102B8F

■ 7571E2

■ 001775

■ 928AFF

■ 00005B

■ AFA5FF

■ 000643

■ CCC0FF

■ 00032C

■ EADCFF

■ 000116

■ FFF8FF

■ 000000

■ 3941AA

■ 3941AA

■ 2831AA

■ 4A51AA

■ 1721AA

■ 5B61AA

■ 0612AA

■ 6C70AA

■ 000CAA

■ 7D80AA

■ 8E90AA

■ 9FA0AA

■ B0B0AA

■ C1BFAA

■ D2CFAA

Harmonies

Analogous

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



0056B7



3941AA



861B85

Triad

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



3941AA



883300



006249

Complementary

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



3941AA



AAA239

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.



005F0E



3941AA



624B00

Square

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



3941AA



A00020



2F5800



00637E

Rectangle

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



3941AA



9D0064



2F5800



006137

Sweetspot

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



3941AA



B1B5DE



39AAA1



555770



F0F0F0



707070

Same Dimension

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



3941AA



2C39DE



6839AA



4C4C54



000A94



000114

Inverse Universe

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



AA3941



DE2C39



7BAA39



544C4C



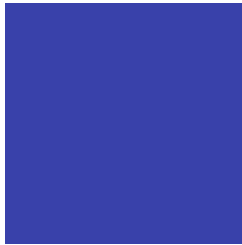
94000A



140001

Previews

White Background



This preview shows how the Hex color 3941AA looks on a white background.

Color Contrast Check

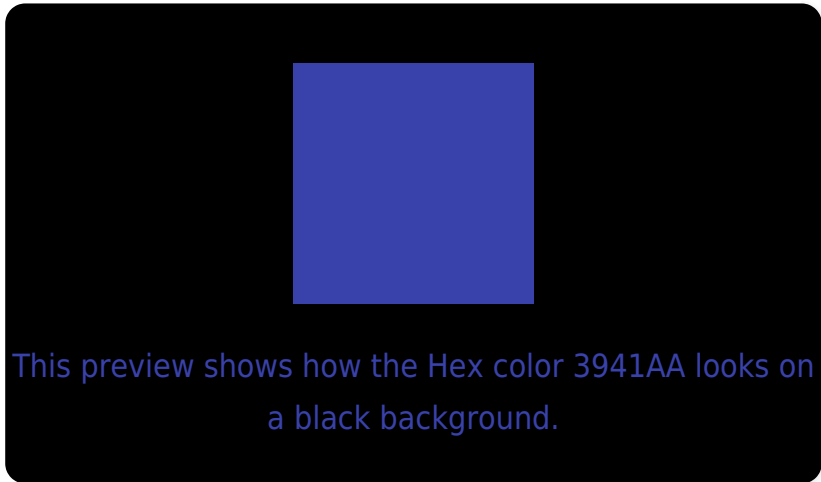
Large Text (above 18pt) WCAG AA ✓ Pass

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

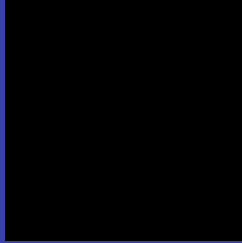
Any Text WCAG AA × Fail

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 3941AA Background



This preview shows how black text looks on a background with the Hex color 3941AA.



This preview shows how white text looks on a background with the Hex color 3941AA.

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
3941AA

Protanopia
004B9E

Deuteranopia
005088

Trichromacy



Original Color
3941AA

Protanomaly
1547A2

Deuteranomaly
154B94

Tritanomaly
154E79

Monochromacy



Original Color
3941AA

Achromatopsia
4B4B4B

Achromatomaly
44476E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3941AA 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 #3941AA looks like.

```
.text, #text, p{  
    color:#3941AA  
}
```

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 #3941AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3941AA
}
```

Border

The CSS property to change the border of an element to Hex 3941AA 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
#3941AA }
```

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

```
.border{ border-color:#3941AA }
```

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

Here you see how a box with a 4 pixel #3941AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3941AA; -webkit-box-shadow:4px 4px  
4px 4px #3941AA; box-shadow:4px 4px 4px  
4px #3941AA }
```

Background

The CSS property to change the background color of an element to Hex 3941AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3941AA }
```

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

```
.background{ background-color:#3941AA }
```

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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