

Converting Colors

Hex(5339AA)

Have a look what the booklet for
Hex(5339AA) contains.

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Color

Hex(5339AA)

Conversions

Conversions Part 1

Format	Color
Hex	5339AA
RGB	83, 57, 170
RGB Percent	33%, 22%, 67%
CMY	0.6745, 0.7765, 0.3333
CMYK	0.51, 0.66, 0.00, 0.33
HSL	254°, 50%, 45%
HSV	254°, 66%, 67%
XYZ	12.2861, 7.6675, 38.8626
YIQ	77.6560, -20.7770, 40.6550

Conversions

Conversions Part 2

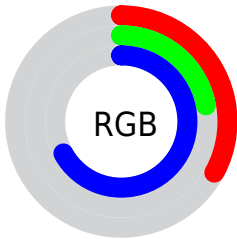
Format	Color
R _{YB}	83, 57, 170
Decimal	5454250
CIE Lab	33.28, 40.39, -56.90
CIE LCh	33, 69.782, 305.370
Yxy	7.6675, 0.2089, 0.1304
Android (android.graphics.Color)	4283644330 (0xFF5339AA)
YUV	77.6560, 45.5256, 4.6867
Hunter-Lab	27.6903, 30.7418, -63.8288

Details

The Hex color **5339AA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **90AA39**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C6AE2**, and **100A75** is the 20% darker color. If you saturate the color by 10%, you get **4628AA**, and if you desaturate by 10%, it is **604AAA**.

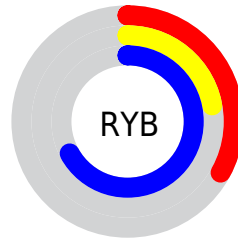
Distribution



Red (33%)

Green (22%)

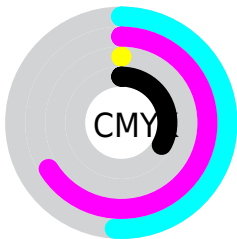
Blue (67%)



Red (33%)

Yellow (22%)

Blue (67%)

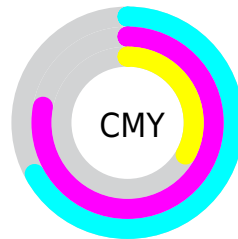


Cyan (51%)

Magenta (66%)

Yellow (0%)

Black (33%)



Cyan (67%)

Magenta (78%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5339AA 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 5339AA by changing the saturation by 10% instead.

■ 5339AA

■ 5339AA

FFFFFF

■ 35228F

■ 8C6AE2

■ 100A75

■ A883FF

■ 00005B

■ C59EFF

■ 000043

■ E2B9FF

■ 00032C

■ FFD5FF

■ 000116

■ FFF2FF

■ 000000

■ 5339AA

■ 5339AA

■ 4628AA

■ 604AAA

■ 3917AA

■ 6D5BAA

■ 2C06AA

■ 7A6CAA

■ 2700AA

■ 877DAA

■ 948EAA

■ A29FAA

■ AFB0AA

■ BCC1AA

■ C9D2AA

Harmonies

Analogous

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



0053BF



5339AA



95007D

Triad

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



5339AA



843800



006457

Complementary

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



5339AA



90AA39

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.



00611B



5339AA



585000

Square

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



5339AA



A10110



155C00



00648E

Rectangle

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



5339AA



A70059



155C00



006344

Sweetspot

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



5339AA



BCB1DE



3992AA



5B5570



F0F0F0



707070

Same Dimension

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



5339AA



552CDE



8A39AA



4E4C54



220094



050014

Inverse Universe

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



AA3990



DE2CB5



59AA39



544C52



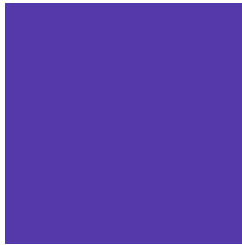
940072



140010

Previews

White Background



This preview shows how the Hex color 5339AA 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

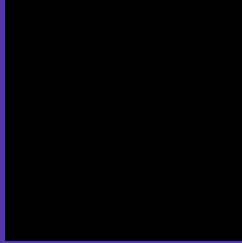
Any Text WCAG AA × Fail

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 5339AA Background



This preview shows how black text looks on a background with the Hex color 5339AA.

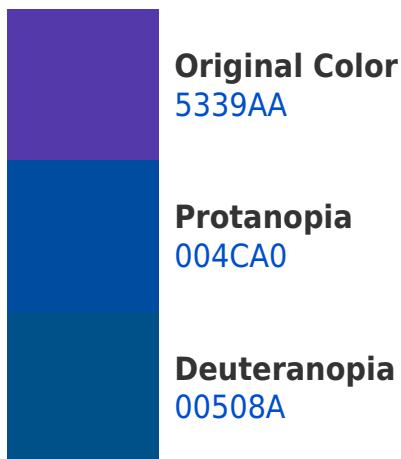


This preview shows how white text looks on a background with the Hex color 5339AA.

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



Trichromacy



Original Color
5339AA



Protanomaly
1E45A4



Deuteranomaly
1E4896



Tritanomaly
434976

Monochromacy



Original Color
5339AA



Achromatopsia
4E4E4E



Achromatomaly
50466F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5339AA 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 #5339AA looks like.

```
.text, #text, p{  
    color:#5339AA  
}
```

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 #5339AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5339AA
}
```

Border

The CSS property to change the border of an element to Hex 5339AA 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".

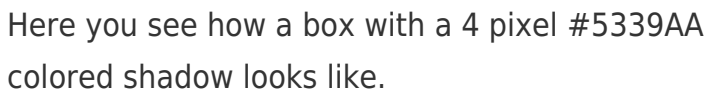
```
.border, #border, table{ border:4px solid
#5339AA }
```

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

```
.border{ border-color:#5339AA }
```

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

Here you see how a box with a 4 pixel #5339AA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5339AA; -webkit-box-shadow:4px 4px  
4px 4px #5339AA; box-shadow:4px 4px 4px  
4px #5339AA }
```

Background

The CSS property to change the background color of an element to Hex 5339AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5339AA }
```

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

```
.background{ background-color:#5339AA }
```

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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