

Converting Colors

Hex(5147AA)

Have a look what the booklet for
Hex(5147AA) contains.

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Color

Hex(5147AA)

Conversions

Conversions Part 1

Format	Color
Hex	5147AA
RGB	81, 71, 170
RGB Percent	32%, 28%, 67%
CMY	0.6824, 0.7216, 0.3333
CMYK	0.52, 0.58, 0.00, 0.33
HSL	246°, 41%, 47%
HSV	246°, 58%, 67%
XYZ	12.9023, 9.1581, 39.1179
YIQ	85.2760, -25.8190, 32.9090

Conversions

Conversions Part 2

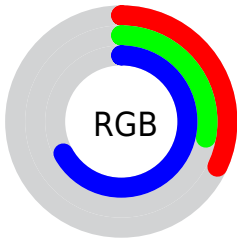
Format	Color
R _Y B	81, 71, 170
Decimal	5326762
CIE Lab	36.29, 31.59, -52.03
CIE LCh	36, 60.870, 301.267
Yxy	9.1581, 0.2109, 0.1497
Android (android.graphics.Color)	4283516842 (0xFF5147AA)
YUV	85.2760, 41.7689, -3.7501
Hunter-Lab	30.2623, 23.1440, -55.4562

Details

The Hex color **5147AA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A0AA47**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8978E2**, and **0F1B75** is the 20% darker color. If you saturate the color by 10%, you get **4236AA**, and if you desaturate by 10%, it is **6058AA**.

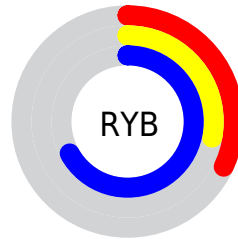
Distribution



Red (32%)

Green (28%)

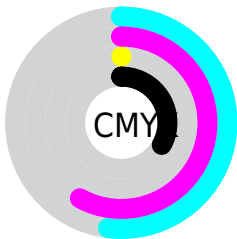
Blue (67%)



Red (32%)

Yellow (28%)

Blue (67%)

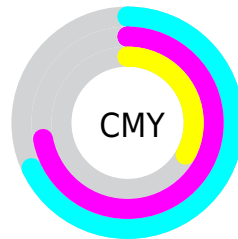


Cyan (52%)

Magenta (58%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (72%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5147AA 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 5147AA by changing the saturation by 10% instead.

■ 5147AA

■ 5147AA

FFFFFF

■ 34308F

■ 8978E2

■ 0F1B75

■ A592FF

■ 00065C

■ C2ACFF

■ 000043

■ DFC8FF

■ 00032C

■ FCE4FF

■ 000116

■ 000000

■ 5147AA

■ 5147AA

■ 4236AA

■ 6058AA

■ 3225AA

■ 7069AA

■ 2314AA

■ 7F7AAA

■ 1403AA

■ 8E8BAA

■ 1100AA

■ 9D9CAA

■ ADADAA

■ BCBEAA

■ CBCFAA

■ DBE0AA

Harmonies

Analogous

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



005BB8



5147AA



902985

Triad

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



5147AA



8C3F00



006A56

Complementary

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



5147AA



A0AA47

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.



006722



5147AA



675400

Square

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



5147AA



A42226



346100



006A87

Rectangle

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



5147AA



A31166



346100



006945

Sweetspot

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



5147AA



BCB8DE



47A0AA



5C5A70



F0F0F0



707070

Same Dimension

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



5147AA



5243DE



8247AA



4D4C54



0F0094



020014

Inverse Universe

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



AA47A0



DE43CE



6FAA47



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 5147AA looks on a white background.

Color Contrast Check

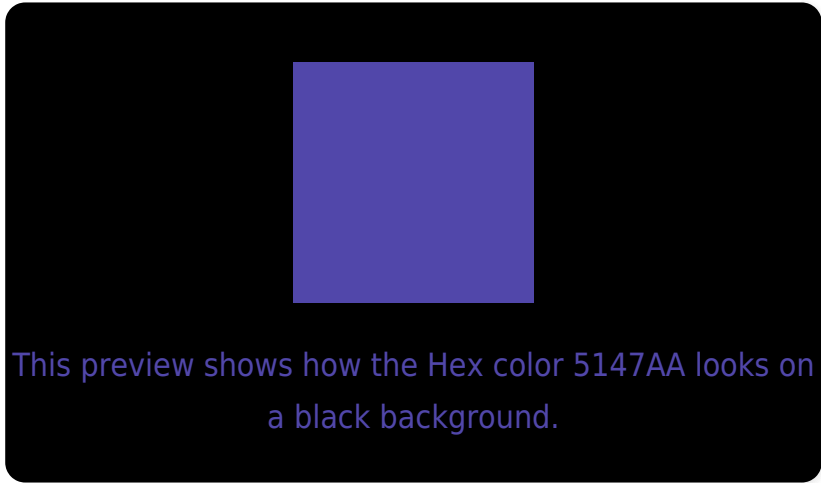
Large Text (above 18pt) WCAG AA ✓ Pass

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

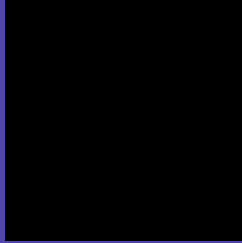
Any Text WCAG AA × Fail

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 5147AA Background



This preview shows how black text looks on a background with the Hex color 5147AA.



This preview shows how white text looks on a background with the Hex color 5147AA.

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
5147AA

Protanopia
0052AF

Deuteranopia
005798



Tritanopia
3A5B62

Trichromacy



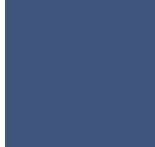
Original Color
5147AA



Protanomaly
1D4EAD



Deuteranomaly
1D519F



Tritanomaly
42547C

Monochromacy



Original Color
5147AA



Achromatopsia
555555



Achromatomaly
545074

CSS Examples

Text

The CSS property to change the color of the text to Hex 5147AA 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 #5147AA looks like.

```
.text, #text, p{  
    color:#5147AA  
}
```

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 #5147AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5147AA
}
```

Border

The CSS property to change the border of an element to Hex 5147AA 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".

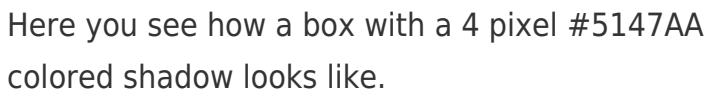
```
.border, #border, table{ border:4px solid
#5147AA }
```

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

```
.border{ border-color:#5147AA }
```

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

Here you see how a box with a 4 pixel #5147AA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5147AA; -webkit-box-shadow:4px 4px  
4px 4px #5147AA; box-shadow:4px 4px 4px  
4px #5147AA }
```

Background

The CSS property to change the background color of an element to Hex 5147AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5147AA }
```

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

```
.background{ background-color:#5147AA }
```

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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