

Converting Colors

Hex(5112AA)

Have a look what the booklet for
Hex(5112AA) contains.

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Color

Hex(5112AA)

Conversions

Conversions Part 1

Format	Color
Hex	5112AA
RGB	81, 18, 170
RGB Percent	32%, 7%, 67%
CMY	0.6824, 0.9294, 0.3333
CMYK	0.52, 0.89, 0.00, 0.33
HSL	265°, 81%, 37%
HSV	265°, 89%, 67%
XYZ	10.8653, 5.0842, 38.4389
YIQ	54.1650, -11.2440, 60.6280

Conversions

Conversions Part 2

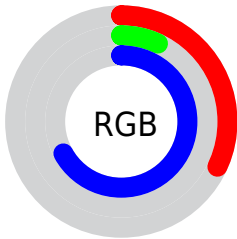
Format	Color
RYB	81, 18, 170
Decimal	5313194
CIELab	26.97, 57.43, -67.26
CIELCh	27, 88.445, 310.494
Yxy	5.0842, 0.1998, 0.0935
Android (android.graphics.Color)	4283503274 (0xFF5112AA)
YUV	54.1650, 57.1067, 23.5343
Hunter-Lab	22.5482, 46.5547, -85.2904

Details

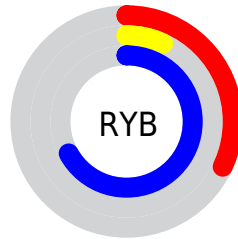
The Hex color **5112AA** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6BAA12**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8C4AE3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **4701AA**, and if you desaturate by 10%, it is **5B23AA**.

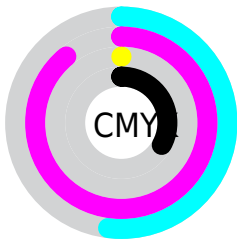
Distribution



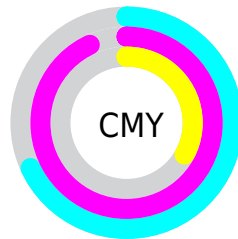
- Red (32%)
- Green (7%)
- Blue (67%)



- Red (32%)
- Yellow (7%)
- Blue (67%)



- Cyan (52%)
- Magenta (89%)
- Yellow (0%)
- Black (33%)



- Cyan (68%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5112AA 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 5112AA by changing the saturation by 10% instead.

■ 5112AA

■ 5112AA

FFFFFF

■ 31008F

■ 8C4AE3

■ 000074

■ A964FF

■ 00005B

■ C77FFF

■ 000642

■ E49AFF

■ 00032B

■ FFB6FF

■ 000115

■ FFD2FF

■ 000000

■ FFEFFF

■ 5112AA

■ 5112AA

■ 4701AA

■ 5B23AA

■ 4600AA

■ 6534AA

■ 6F45AA

■ 7956AA

■ 8367AA

■ 8D78AA

■ 9789AA

■ A19AAA

■ ABABAA

Harmonies

Analogous

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



0045CB



5112AA



9A006F

Triad

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



5112AA



712900



005657

Complementary

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



5112AA



6BAA12

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.



005409



5112AA



394500

Square

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



5112AA



990000



005000



005799

Rectangle

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



5112AA



AA0042



005000



00553F

Sweetspot

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



5112AA



BBA2DE



126DAA



5B4C70



F0F0F0



707070

Same Dimension

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



5112AA



5C00DE



9B12AA



4F4C54



3D0094



080014

Inverse Universe

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



AA126B



DE0082



21AA12



544C51



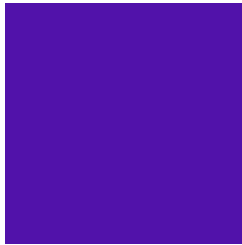
940057



14000C

Previews

White Background



This preview shows how the Hex color 5112AA 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

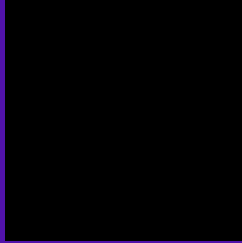
Any Text WCAG AA × Fail

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 5112AA Background



This preview shows how black text looks on a background with the Hex color 5112AA.



This preview shows how white text looks on a background with the Hex color 5112AA.

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
5112AA

Protanopia
003F84

Deuteranopia
004371



Tritanopia
334449

Trichromacy



Original Color
5112AA

Protanomaly
1D2F92

Deuteranomaly
1D3186

Tritanomaly
3E326C

Monochromacy



Original Color
5112AA

Achromatopsia
363636

Achromatomaly
402960

CSS Examples

Text

The CSS property to change the color of the text to Hex 5112AA 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 #5112AA looks like.

```
.text, #text, p{  
    color:#5112AA  
}
```

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 #5112AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5112AA
}
```

Border

The CSS property to change the border of an element to Hex 5112AA 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
#5112AA }
```

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

```
.border{ border-color:#5112AA }
```

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

Here you see how a box with a 4 pixel #5112AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5112AA; -webkit-box-shadow:4px 4px  
4px 4px #5112AA; box-shadow:4px 4px 4px  
4px #5112AA }
```

Background

The CSS property to change the background color of an element to Hex 5112AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5112AA }
```

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

```
.background{ background-color:#5112AA }
```

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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