

Converting Colors

Hex(012AA6)

Have a look what the booklet for
Hex(012AA6) contains.

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Color

Hex(012AA6)

Conversions

Conversions Part 1

Format	Color
Hex	012AA6
RGB	1, 42, 166
RGB Percent	0%, 16%, 65%
CMY	0.9961, 0.8353, 0.3490
CMYK	0.99, 0.75, 0.00, 0.35
HSL	225°, 99%, 33%
HSV	225°, 99%, 65%
XYZ	7.7234, 4.4156, 36.5216
YIQ	43.8770, -64.2400, 29.8720

Conversions

Conversions Part 2

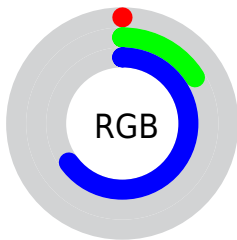
Format	Color
R_{YB}	1, 34, 166
Decimal	76454
CIE _{Lab}	25.00, 39.84, -68.27
CIE _{LCh}	25, 79.047, 300.268
Yxy	4.4156, 0.1587, 0.0907
Android (android.graphics.Color)	4278266534 (0xFF012AA6)
YUV	43.8770, 60.2066, -37.6031
Hunter-Lab	21.0132, 28.8346, -88.3385

Details

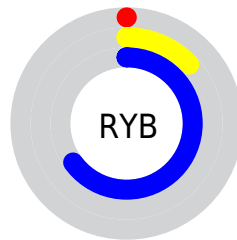
The Hex color **012AA6** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A67D01**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C58DE**, and **000271** is the 20% darker color. If you saturate the color by 10%, you get **0029A6**, and if you desaturate by 10%, it is **1236A6**.

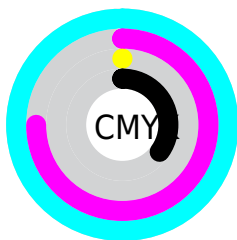
Distribution



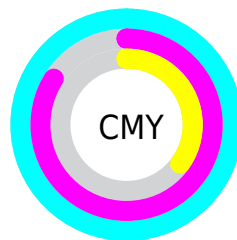
- Red (0%)
- Green (16%)
- Blue (65%)



- Red (0%)
- Yellow (13%)
- Blue (65%)



- Cyan (99%)
- Magenta (75%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 012AA6 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 012AA6 by changing the saturation by 10% instead.

■ 012AA6

■ 012AA6

FFFFFF

■ 00158B

■ 5C58DE

■ 000271

■ 7B71FB

■ 000057

■ 998AFF

■ 00063F

■ B7A5FF

■ 000328

■ D5C0FF

■ 000112

■ F3DCFF

■ 000000

■ FFF9FF

■ 012AA6

■ 012AA6

■ 0029A6

■ 1236A6

■ 2243A6

■ 334FA6

■ 435CA6

■ 5468A6

■ 6575A6

■ 7581A6

■ 868EA6

■ 969AA6

Harmonies

Analogous

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



0046B7



012AA6



7D0078

Triad

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



012AA6



761700



004F3A

Complementary

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



012AA6



A67D01

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.



004D00



012AA6



493A00

Square

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



012AA6



930000



004800



005077

Rectangle

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



012AA6



950052



004800



004E25

Sweetspot

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



012AA6



98A8D9



01A67D



46506E



EDEDED



6E6E6E

Same Dimension

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



012AA6



0036D9



2A01A6



4C4E54



002594



000514

Inverse Universe

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



A6012A



D90036



7DA601



544C4E



940025



140005

Previews

White Background



This preview shows how the Hex color 012AA6 looks on a white background.

Color Contrast Check

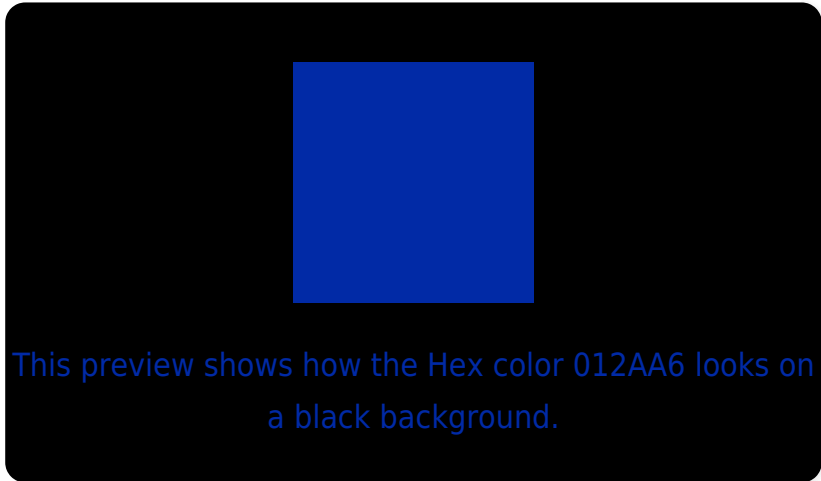
Large Text (above 18pt) WCAG AA ✓ Pass

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

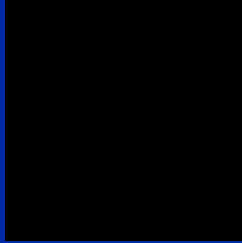
Any Text WCAG AA × Fail

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 012AA6 Background



This preview shows how black text looks on a background with the Hex color 012AA6.



This preview shows how white text looks on a background with the Hex color 012AA6.

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
012AA6

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
012AA6

Protanomaly
00348A

Deuteranomaly
00377F

Tritanomaly
003A69

Monochromacy



Original Color
012AA6

Achromatopsia
2C2C2C

Achromatomaly
1C2B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 012AA6 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 #012AA6 looks like.

```
.text, #text, p{  
    color:#012AA6  
}
```

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 #012AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012AA6
}
```

Border

The CSS property to change the border of an element to Hex 012AA6 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
#012AA6 }
```

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

```
.border{ border-color:#012AA6 }
```

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

Here you see how a box with a 4 pixel #012AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012AA6; -webkit-box-shadow:4px 4px  
4px 4px #012AA6; box-shadow:4px 4px 4px  
4px #012AA6 }
```

Background

The CSS property to change the background color of an element to Hex 012AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012AA6 }
```

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

```
.background{ background-color:#012AA6 }
```

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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