

Converting Colors

Hex(0D22AE)

Have a look what the booklet for
Hex(0D22AE) contains.

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Color

Hex(0D22AE)

Conversions

Conversions Part 1

Format	Color
Hex	0D22AE
RGB	13, 34, 174
RGB Percent	5%, 13%, 68%
CMY	0.9490, 0.8667, 0.3176
CMYK	0.93, 0.80, 0.00, 0.32
HSL	232°, 86%, 37%
HSV	232°, 93%, 68%
XYZ	8.3780, 4.2856, 40.4300
YIQ	43.6810, -57.4560, 39.0880

Conversions

Conversions Part 2

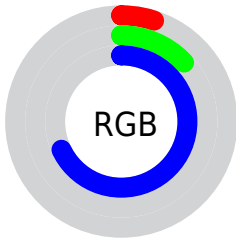
Format	Color
R_{YB}	13, 32, 174
Decimal	860846
CIE _{Lab}	24.59, 47.55, -73.76
CIE _{LCh}	25, 87.758, 302.806
Yxy	4.2856, 0.1578, 0.0807
Android (android.graphics.Color)	4279050926 (0xFF0D22AE)
YUV	43.6810, 64.2473, -26.9072
Hunter-Lab	20.7017, 36.0109, -101.3009

Details

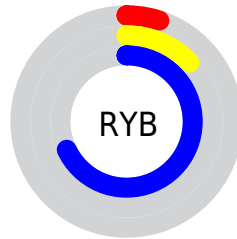
The Hex color **0D22AE** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **AE990D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6251E7**, and **000078** is the 20% darker color. If you saturate the color by 10%, you get **0017AE**, and if you desaturate by 10%, it is **1E31AE**.

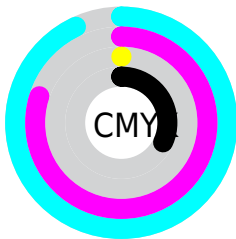
Distribution



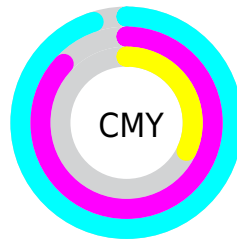
- Red (5%)
- Green (13%)
- Blue (68%)



- Red (5%)
- Yellow (13%)
- Blue (68%)



- Cyan (93%)
- Magenta (80%)
- Yellow (0%)
- Black (32%)



- Cyan (95%)
- Magenta (87%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D22AE 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 0D22AE by changing the saturation by 10% instead.

0D22AE

0D22AE

FFFFFF

000B93

6251E7

000078

816AFF

00005E

A084FF

000845

BE9EFF

00042E

DCB9FF

000118

FBD5FF

000000

FFF2FF

0D22AE

0D22AE

■ 0017AE

■ 1E31AE

■ 3040AE

■ 414FAE

■ 535FAE

■ 646EAE

■ 757DAE

■ 878CAE

■ 989BAE

■ AAAAAE

Harmonies

Analogous

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



0045C5



0D22AE



870079

Triad

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



0D22AE



751400



004F3F

Complementary

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



0D22AE



AE990D

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



0D22AE



433B00

Square

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



0D22AE



980000



004800



005183

Rectangle

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



0D22AE



9E004E



004800



004E28

Sweetspot

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



0D22AE



A3ACE3



0DAE99



4C5173



F2F2F2



737373

Same Dimension

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



0D22AE



001EE3



480DAE



4E4F57



001496



000317

Inverse Universe

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



AE0D22



E3001E



73AE0D



574E4F



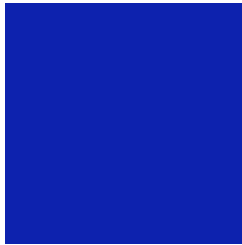
960014



170003

Previews

White Background



This preview shows how the Hex color 0D22AE looks on a white background.

Color Contrast Check

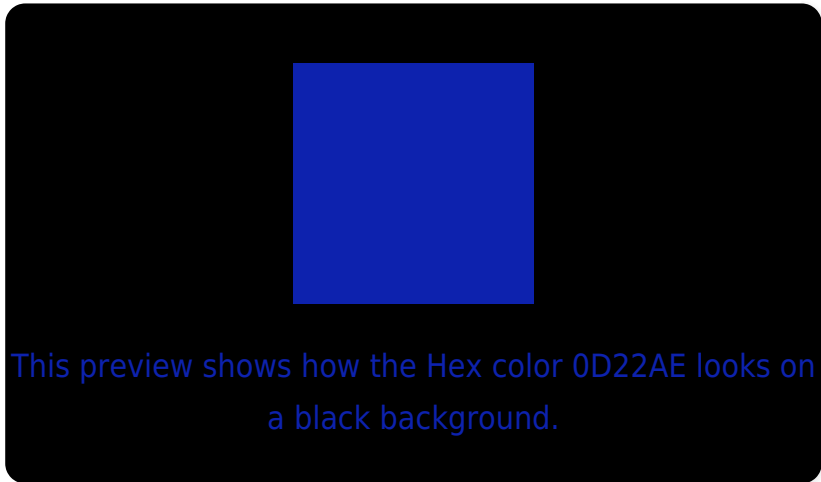
Large Text (above 18pt) WCAG AA ✓ Pass

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

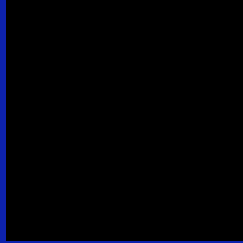
Any Text WCAG AA × Fail

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 0D22AE Background



This preview shows how black text looks on a background with the Hex color 0D22AE.



This preview shows how white text looks on a background with the Hex color 0D22AE.

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
0D22AE

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
0D22AE

Protanomaly
05318B

Deuteranomaly
053380

Monochromacy



Original Color
0D22AE

Achromatopsia
2C2C2C

Achromatomaly
21285B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D22AE 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 #0D22AE looks like.

```
.text, #text, p{  
    color:#0D22AE  
}
```

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 #0D22AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D22AE
}
```

Border

The CSS property to change the border of an element to Hex 0D22AE 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
#0D22AE }
```

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

```
.border{ border-color:#0D22AE }
```

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

Here you see how a box with a 4 pixel #0D22AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D22AE; -webkit-box-shadow:4px 4px  
4px 4px #0D22AE; box-shadow:4px 4px 4px  
4px #0D22AE }
```

Background

The CSS property to change the background color of an element to Hex 0D22AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D22AE }
```

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

```
.background{ background-color:#0D22AE }
```

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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