

Converting Colors

Hex(172DAE)

Have a look what the booklet for
Hex(172DAE) contains.

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Color

Hex(172DAE)

Conversions

Conversions Part 1

Format	Color
Hex	172DAE
RGB	23, 45, 174
RGB Percent	9%, 18%, 68%
CMY	0.9098, 0.8235, 0.3176
CMYK	0.87, 0.74, 0.00, 0.32
HSL	231°, 77%, 39%
HSV	231°, 87%, 68%
XYZ	8.9317, 5.1149, 40.5609
YIQ	53.1280, -54.5210, 35.4550

Conversions

Conversions Part 2

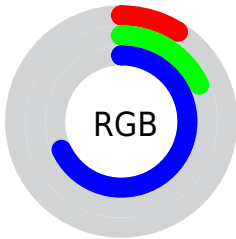
Format	Color
RYB	23, 42, 174
Decimal	1519022
CIELab	27.06, 41.72, -69.67
CIELCh	27, 81.201, 300.914
Yxy	5.1149, 0.1636, 0.0937
Android (android.graphics.Color)	4279709102 (0xFF172DAE)
YUV	53.1280, 59.5899, -26.4223
Hunter-Lab	22.6162, 30.9159, -90.5021

Details

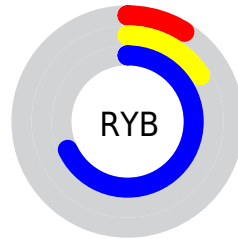
The Hex color **172DAE** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **AE9817**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **645CE7**, and **000478** is the 20% darker color. If you saturate the color by 10%, you get **061EAE**, and if you desaturate by 10%, it is **283CAE**.

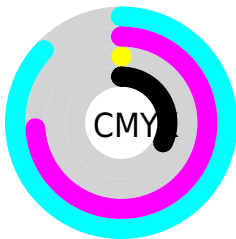
Distribution



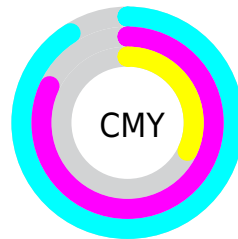
- Red (9%)
- Green (18%)
- Blue (68%)



- Red (9%)
- Yellow (16%)
- Blue (68%)



- Cyan (87%)
- Magenta (74%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (82%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172DAE 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 172DAE by changing the saturation by 10% instead.

 172DAE

 172DAE

FFFFFF

 001793

 645CE7

 000478

 8375FF

 00005E

 A18EFF

 000846

 BFA9FF

 00042E

 DDC5FF


 000119

 FBE1FF

 000000

 FFFDFF

 172DAE

 172DAE

061EAE

283CAE

0019AE

3A4BAE

4B5AAE

5D68AE

6E77AE

7F86AE

9195AE

A2A4AE

B4B3AE

Harmonies

Analogous

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



004AC1



172DAE



86007E

Triad

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



172DAE



7C1C00



005540

Complementary

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



172DAE



AE9817

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.



005200



172DAE



4E3F00

Square

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



172DAE



9B0001



004D00



005680

Rectangle

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



172DAE



9D0056



004D00



00542A

Sweetspot

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



172DAE



A8B1E3



17AE97



4F5473



F2F2F2



737373

Same Dimension

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



172DAE



0021E3



4C17AE



4E4F57



001696



000317

Inverse Universe

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



AE172D



E30021



79AE17



574E4F



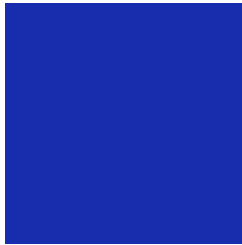
960016



170003

Previews

White Background



This preview shows how the Hex color 172DAE looks on a white background.

Color Contrast Check

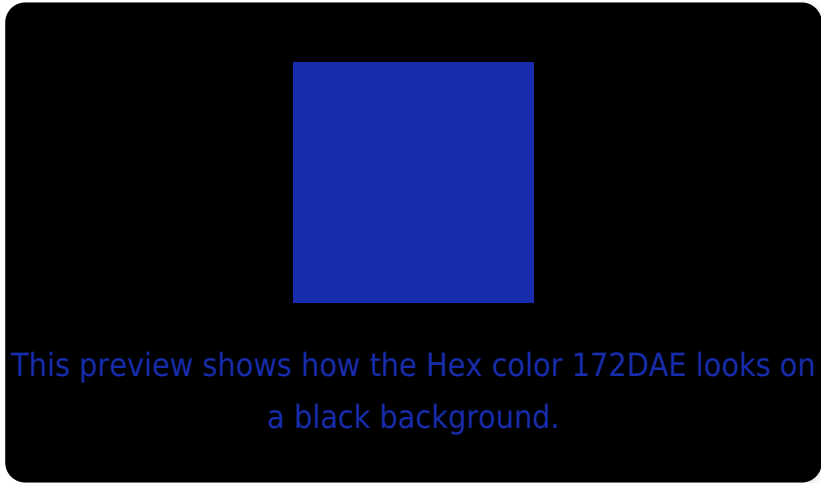
Large Text (above 18pt) WCAG AA ✓ Pass

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

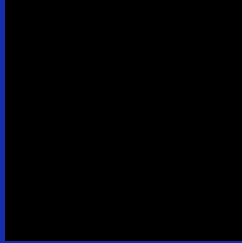
Any Text WCAG AA × Fail

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 172DAE Background



This preview shows how black text looks on a background with the Hex color 172DAE.

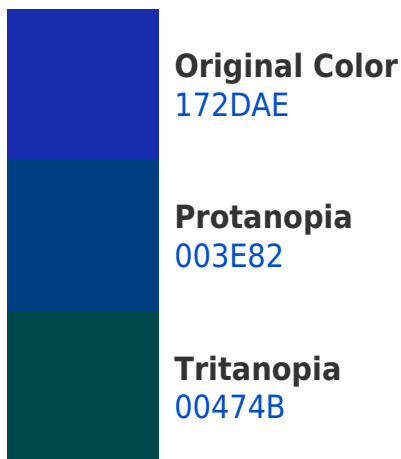


This preview shows how white text looks on a background with the Hex color 172DAE.

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
172DAE

Protanomaly
083892

Tritanomaly
083E6F

Monochromacy



Original Color
172DAE

Achromatopsia
353535

Achromatomaly
2A3261

CSS Examples

Text

The CSS property to change the color of the text to Hex 172DAE 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 #172DAE looks like.

```
.text, #text, p{  
    color:#172DAE  
}
```

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 #172DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172DAE
}
```

Border

The CSS property to change the border of an element to Hex 172DAE 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
#172DAE }
```

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

```
.border{ border-color:#172DAE }
```

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

Here you see how a box with a 4 pixel #172DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172DAE; -webkit-box-shadow:4px 4px  
4px 4px #172DAE; box-shadow:4px 4px 4px  
4px #172DAE }
```

Background

The CSS property to change the background color of an element to Hex 172DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172DAE }
```

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

```
.background{ background-color:#172DAE }
```

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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