

Converting Colors

Hex(1272AE)

Have a look what the booklet for
Hex(1272AE) contains.

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Color

Hex(1272AE)

Conversions

Conversions Part 1

Format	Color
Hex	1272AE
RGB	18, 114, 174
RGB Percent	7%, 45%, 68%
CMY	0.9294, 0.5529, 0.3176
CMYK	0.90, 0.34, 0.00, 0.32
HSL	203°, 81%, 38%
HSV	203°, 90%, 68%
XYZ	13.9067, 15.2192, 42.2490
YIQ	92.1360, -76.4760, -1.6920

Conversions

Conversions Part 2

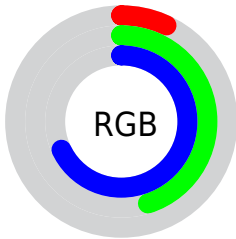
Format	Color
RYB	18, 77, 174
Decimal	1209006
CIELab	45.93, -3.48, -39.09
CIElCh	46, 39.249, 264.911
Yxy	15.2192, 0.1948, 0.2132
Android (android.graphics.Color)	4279399086 (0xFF1272AE)
YUV	92.1360, 40.3590, -65.0173
Hunter-Lab	39.0118, -4.6398, -36.9016

Details

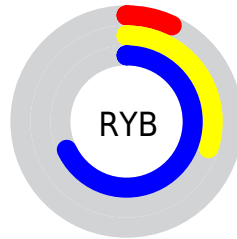
The Hex color **1272AE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE4E12**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FA6E6**, and **004379** is the 20% darker color. If you saturate the color by 10%, you get **016BAE**, and if you desaturate by 10%, it is **2379AE**.

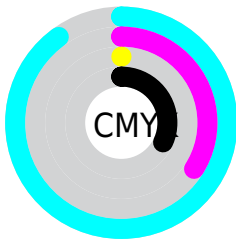
Distribution



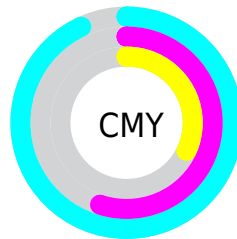
- Red (7%)
- Green (45%)
- Blue (68%)



- Red (7%)
- Yellow (30%)
- Blue (68%)



- Cyan (90%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (93%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1272AE 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 1272AE by changing the saturation by 10% instead.

■ 1272AE

■ 1272AE

FFFFFF

■ 005A93

■ 5FA6E6

■ 004379

■ 7DC1FF

■ 002D60

■ 9ADCFF

■ 001948

■ B8F9FF

■ 000431

■ D6FFFF

■ 00011B

■ F4FFFF

■ 000000

■ 1272AE

■ 1272AE

■ 016BAE

■ 2379AE

■ 006BAE

■ 357FAE

■ 4686AE

■ 588DAE

■ 6993AE

■ 7A9AAE

■ 8CA1AE

■ 9DA8AE

■ AFAEAE

Harmonies

Analogous

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



007AA2



1272AE



6666A8

Triad

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



1272AE



A95353



3C7A45

Complementary

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



1272AE



AE4E12

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.



64732E



1272AE



9D5D38

Square

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



1272AE



A65174



846929



007D66

Rectangle

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



1272AE



845E9C



846929



4B783C

Sweetspot

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



1272AE



A6CBE3



12AE4E



4E6573



F2F2F2



737373

Same Dimension

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



1272AE



008CE3



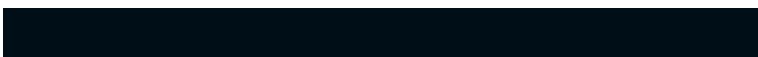
1224AE



4E5357



005D96



000E17

Inverse Universe

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



AE1272



E3008C



AE9C12



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 1272AE looks on a white background.

Color Contrast Check

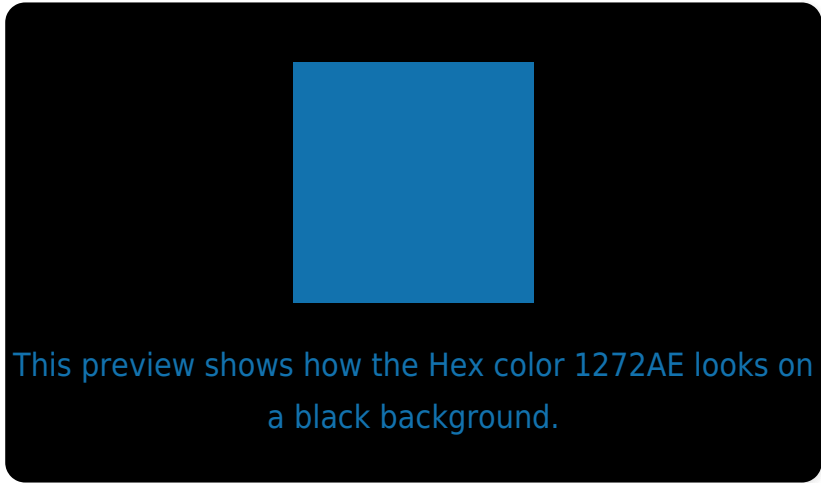
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

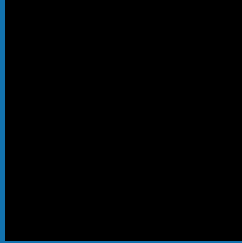
Any Text WCAG AA × Fail

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 1272AE Background



This preview shows how black text looks on a background with the Hex color 1272AE.

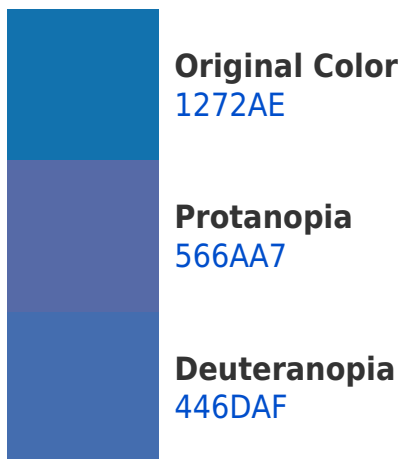


This preview shows how white text looks on a background with the Hex color 1272AE.

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
1272AE

Protanomaly
3D6DAA

Deuteranomaly
326FAF

Monochromacy



Original Color
1272AE

Achromatopsia
5C5C5C

Achromatomaly
41647A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1272AE 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 #1272AE looks like.

```
.text, #text, p{  
    color:#1272AE  
}
```

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 #1272AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1272AE
}
```

Border

The CSS property to change the border of an element to Hex 1272AE 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
#1272AE }
```

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

```
.border{ border-color:#1272AE }
```

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

Here you see how a box with a 4 pixel #1272AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1272AE; -webkit-box-shadow:4px 4px  
4px 4px #1272AE; box-shadow:4px 4px 4px  
4px #1272AE }
```

Background

The CSS property to change the background color of an element to Hex 1272AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1272AE }
```

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

```
.background{ background-color:#1272AE }
```

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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