

Converting Colors

Hex(17A2D2)

Have a look what the booklet for
Hex(17A2D2) contains.

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Color

Hex(17A2D2)

Conversions

Conversions Part 1

Format	Color
Hex	17A2D2
RGB	23, 162, 210
RGB Percent	9%, 64%, 82%
CMY	0.9098, 0.3647, 0.1765
CMYK	0.89, 0.23, 0.00, 0.18
HSL	195°, 80%, 46%
HSV	195°, 89%, 82%
XYZ	24.9065, 30.6760, 65.5811
YIQ	125.9110, -98.2520, -14.5400

Conversions

Conversions Part 2

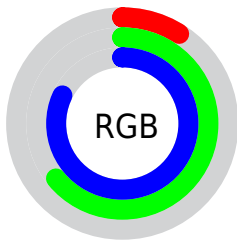
Format	Color
R _Y B	23, 103, 210
Decimal	1549010
CIE Lab	62.23, -17.25, -34.02
CIE LCh	62, 38.143, 243.108
Yxy	30.6760, 0.2056, 0.2532
Android (android.graphics.Color)	4279739090 (0xFF17A2D2)
YUV	125.9110, 41.4559, -90.2529
Hunter-Lab	55.3859, -16.6554, -31.4338

Details

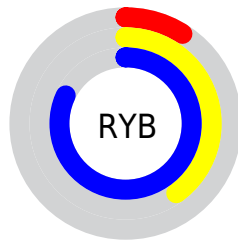
The Hex color **17A2D2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D24717**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6BD9FF**, and **006E9B** is the 20% darker color. If you saturate the color by 10%, you get **029DD2**, and if you desaturate by 10%, it is **2CA7D2**.

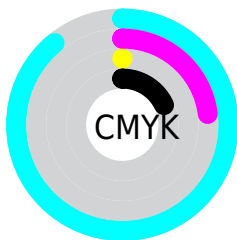
Distribution



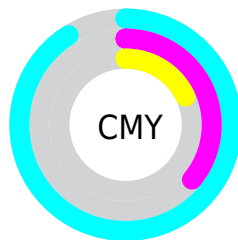
- Red (9%)
- Green (64%)
- Blue (82%)



- Red (9%)
- Yellow (40%)
- Blue (82%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17A2D2 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 17A2D2 by changing the saturation by 10% instead.

 17A2D2

 17A2D2

FFFFFF

 0088B6

 6BD9FF

 006E9B

 8BF5FF

 005681

 AAFFFF

 003F68

 C8FFFF

 00294F

 E7FFFF

 001238

 000222

 000008

 000000

■ 17A2D2

■ 17A2D2

■ 029DD2

■ 2CA7D2

■ 009CD2

■ 41ADD2

■ 56B2D2

■ 6BB8D2

■ 80BDD2

■ 95C2D2

■ AAC8D2

■ BFCDD2

■ D4D3D2

Harmonies

Analogous

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



00A7BA



17A2D2



6899DA

Triad

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



17A2D2



D67B94



859F5C

Complementary

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



17A2D2



D24717

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.



A99652



17A2D2



D57F73

Square

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



17A2D2



C481B6



C58A5B



5BA677

Rectangle

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



17A2D2



8E91D5



C58A5B



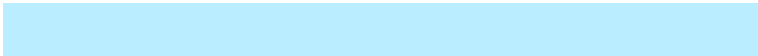
929C57

Sweetspot

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



17A2D2



BAEDFF



17D246



577580



000000



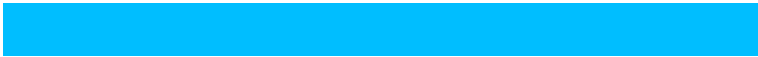
808080

Same Dimension

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



17A2D2



00BEFF



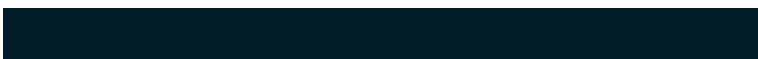
1746D2



5E6669



007DA8



001E29

Inverse Universe

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



D217A2



FF00BE



D2A317



695E66



A8007D



29001E

Previews

White Background



This preview shows how the Hex color 17A2D2 looks on a white 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

Black Background



This preview shows how the Hex color 17A2D2 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 17A2D2 Background



This preview shows how black text looks on a background with the Hex color 17A2D2.

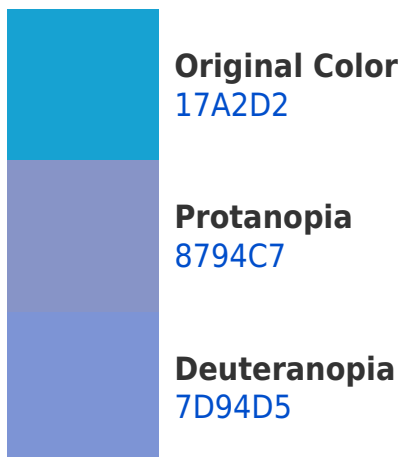


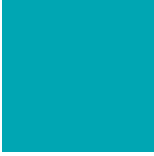
This preview shows how white text looks on a background with the Hex color 17A2D2.

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





Tritanopia
00A6B3

Trichromacy



Original Color
17A2D2



Protanomaly
5E99CB



Deuteranomaly
5899D4



Tritanomaly
08A5BE

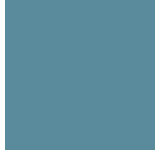
Monochromacy



Original Color
17A2D2



Achromatopsia
7E7E7E



Achromatomaly
598B9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 17A2D2 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 #17A2D2 looks like.

```
.text, #text, p{  
    color:#17A2D2  
}
```

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 #17A2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17A2D2
}
```

Border

The CSS property to change the border of an element to Hex 17A2D2 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
#17A2D2 }
```

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

```
.border{ border-color:#17A2D2 }
```

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

Here you see how a box with a 4 pixel #17A2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17A2D2; -webkit-box-shadow:4px 4px  
4px 4px #17A2D2; box-shadow:4px 4px 4px  
4px #17A2D2 }
```

Background

The CSS property to change the background color of an element to Hex 17A2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17A2D2 }
```

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

```
.background{ background-color:#17A2D2 }
```

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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