

Converting Colors

Hex(13BADA)

Have a look what the booklet for
Hex(13BADA) contains.

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Color

Hex(13BADA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 13BADA |
| RGB | 19, 186, 218 |
| RGB Percent | 7%, 73%, 85% |
| CMY | 0.9255, 0.2706, 0.1451 |
| CMYK | 0.91, 0.15, 0.00, 0.15 |
| HSL | 190°, 84%, 46% |
| HSV | 190°, 91%, 85% |
| XYZ | 30.4824, 40.3182, 72.5053 |
| YIQ | 139.7150, -109.8040, -25.4520 |

Conversions

Conversions Part 2

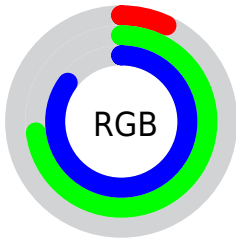
| Format | Color |
|-------------------------------------|--------------------------------------------------|
| RYB | 19, 110, 218 |
| Decimal | 1293018 |
| CIELab | 69.70, -27.13, -26.90 |
| CIELCh | 70, 38.204, 224.754 |
| Yxy | 40.3182, 0.2127, 0.2813 |
| Android (android.graphics.Color) | 4279483098 (0xFF13BADA) |
| YUV | 139.7150, 38.5945, -105.8671 |
| Hunter-Lab | 63.4966, -25.4279, -23.2542 |

Details

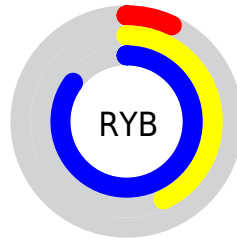
The Hex color **13BADA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA3313**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6EF2FF**, and **0084A3** is the 20% darker color. If you saturate the color by 10%, you get **00B7DA**, and if you desaturate by 10%, it is **29BEDA**.

Distribution



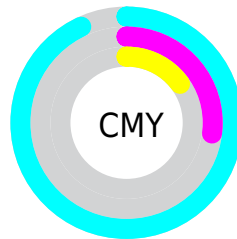
- Red (7%)
- Green (73%)
- Blue (85%)



- Red (7%)
- Yellow (43%)
- Blue (85%)



- Cyan (91%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13BADA 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 13BADA by changing the saturation by 10% instead.

 13BADA

 13BADA

FFFFFF

 009FBE


 6EF2FF

 0084A3

 8EFFFF

 006B89

 AEFFFF

 00526F

 CDFFFF

 003B57

 ECFFFF

 00263F

 000329

 000113

 000000

■ 13BADA

■ 13BADA

■ 00B7DA

■ 29BEDA

■ 3FC1DA

■ 54C5DA

■ 6AC8DA

■ 80CCDA

■ 96CFDA

■ ACD3DA

■ C1D6DA

■ D7DADA

Harmonies

Analogous

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



27BDBB



13BADA



58B3EC

Triad

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



13BADA



E391BD



B0AE66

Complementary

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



13BADA



DA3313

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.



D0A268



13BADA



EE909A

Square

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



13BADA



C49BDC



E7967B



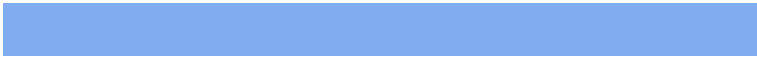
89B678

Rectangle

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



13BADA



81ACEF



E7967B



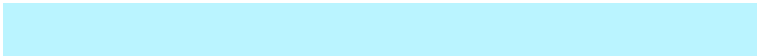
BCAA64

Sweetspot

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



13BADA



BAF4FF



13DA31



577980



000000



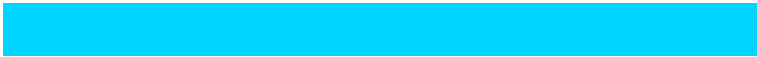
808080

Same Dimension

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



13BADA



00D6FF



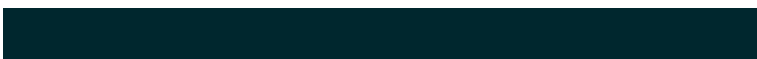
1359DA



636C6E



0092AD



00272E

Inverse Universe

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



DA13BA



FF00D6



DA9413



6E636C



AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 13BADA 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 13BADA 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 13BADA Background



This preview shows how black text looks on a background with the Hex color 13BADA.

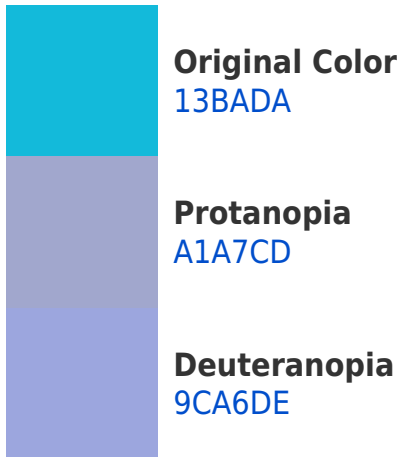


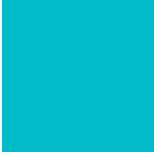
This preview shows how white text looks on a background with the Hex color 13BADA.

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
00BCCB

Trichromacy



Original Color
13BADA



Protanomaly
6DAED2



Deuteranomaly
6AADDD



Tritanomaly
07BBD0

Monochromacy



Original Color
13BADA



Achromatopsia
8C8C8C



Achromatomaly
609DA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 13BADA 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 #13BADA looks like.

```
.text, #text, p{  
  color:#13BADA  
}
```

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 #13BADA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13BADA
}
```

Border

The CSS property to change the border of an element to Hex 13BADA 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
#13BADA }
```

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

```
.border{ border-color:#13BADA }
```

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

Here you see how a box with a 4 pixel #13BADA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13BADA; -webkit-box-shadow:4px 4px  
4px 4px #13BADA; box-shadow:4px 4px 4px  
4px #13BADA }
```

Background

The CSS property to change the background color of an element to Hex 13BADA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13BADA }
```

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

```
.background{ background-color:#13BADA }
```

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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