

Converting Colors

Hex(1378BB)

Have a look what the booklet for
Hex(1378BB) contains.

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Color

Hex(1378BB)

Conversions

Conversions Part 1

Format	Color
Hex	1378BB
RGB	19, 120, 187
RGB Percent	7%, 47%, 73%
CMY	0.9255, 0.5294, 0.2667
CMYK	0.90, 0.36, 0.00, 0.27
HSL	204°, 82%, 40%
HSV	204°, 90%, 73%
XYZ	15.9547, 17.1592, 49.4849
YIQ	97.4390, -81.7030, -0.5750

Conversions

Conversions Part 2

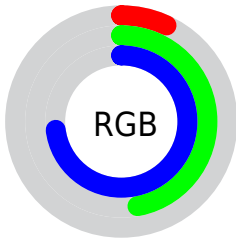
Format	Color
R_{YB}	19, 82, 187
Decimal	1276091
CIE _{Lab}	48.46, -2.03, -42.63
CIE _{LCh}	48, 42.679, 267.275
Yxy	17.1592, 0.1932, 0.2077
Android (android.graphics.Color)	4279466171 (0xFF1378BB)
YUV	97.4390, 44.1536, -68.7910
Hunter-Lab	41.4237, -3.7408, -41.8314

Details

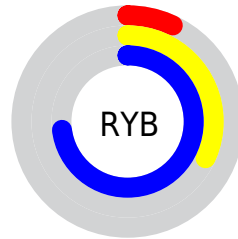
The Hex color **1378BB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **BB5613**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **62ACF4**, and **004885** is the 20% darker color. If you saturate the color by 10%, you get **0071BB**, and if you desaturate by 10%, it is **267FBB**.

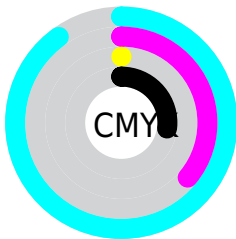
Distribution



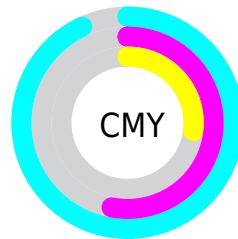
- Red (7%)
- Green (47%)
- Blue (73%)



- Red (7%)
- Yellow (32%)
- Blue (73%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1378BB 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 1378BB by changing the saturation by 10% instead.

■ 1378BB

■ 1378BB

FFFFFF

■ 005FA0

■ 62ACF4

■ 004885

■ 81C7FF

■ 00326C

■ 9FE3FF

■ 001E53

■ BDFFFF

■ 00063B

■ DBFFFF

■ 000225

■ F9FFFF

■ 00010D

■ 000000

■ 1378BB

■ 1378BB

■ 0071BB

■ 267FBB

■ 0070BB

■ 3887BB

■ 4B8EBB

■ 5E96BB

■ 709DBB

■ 83A5BB

■ 96ACBB

■ A9B4BB

■ BBBBBB

Harmonies

Analogous

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



0081AF



1378BB



6F6BB3

Triad

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



1378BB



B55754



37824A

Complementary

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



1378BB



BB5613

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.



667B2F



1378BB



A56337

Square

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



1378BB



B35378



8A7027



00856E

Rectangle

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



1378BB



9061A4



8A7027



4A8040

Sweetspot

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



1378BB



B1D8F2



13BB53



536B7A



FAFAFA



7A7A7A

Same Dimension

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



1378BB



0092F2



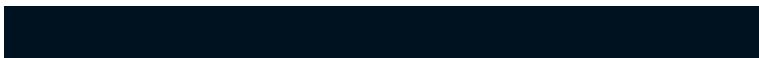
1327BB



555B5E



005F9E



00121F

Inverse Universe

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



BB1378



F20092



BBA713



5E555B



9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 1378BB looks on a white background.

Color Contrast Check

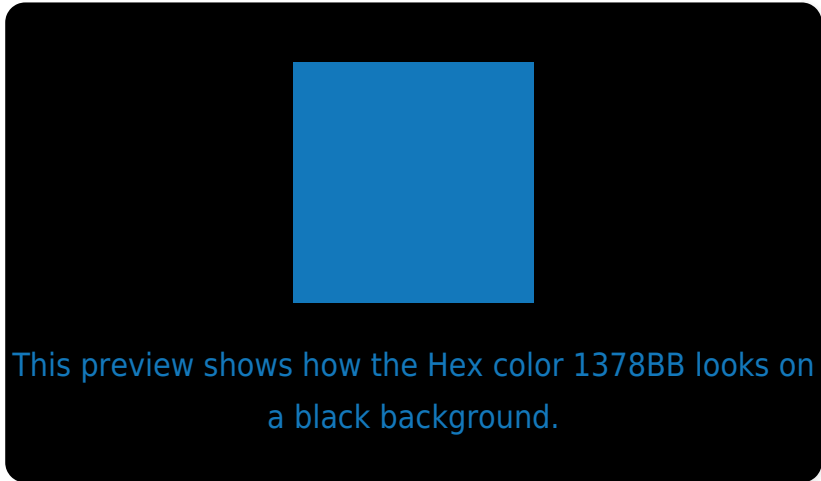
Large Text (above 18pt) WCAG AA ✓ Pass

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

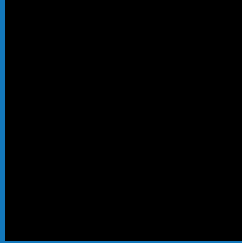
Any Text WCAG AA × Fail

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 1378BB Background



This preview shows how black text looks on a background with the Hex color 1378BB.

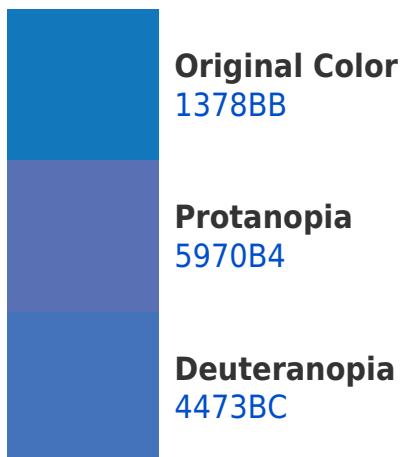


This preview shows how white text looks on a background with the Hex color 1378BB.

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](#).

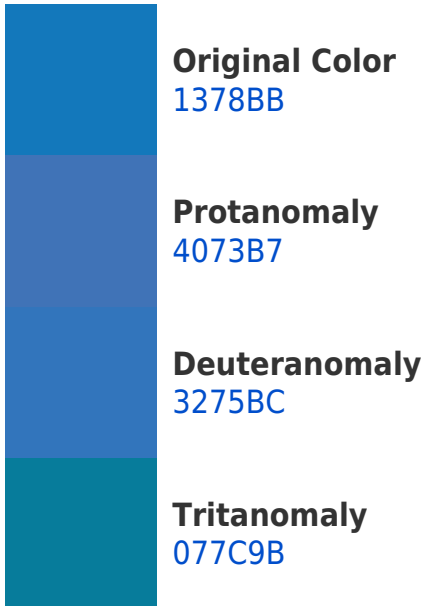
Dichromacy



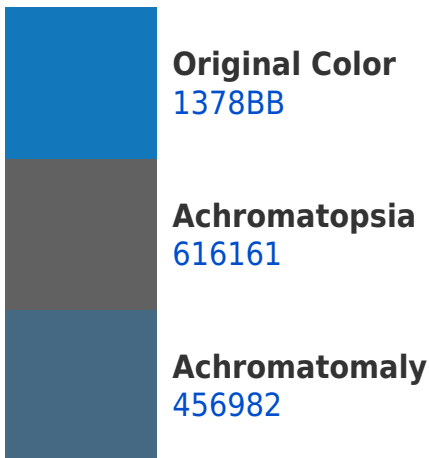


Tritanopia
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1378BB 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 #1378BB looks like.

```
.text, #text, p{  
    color:#1378BB  
}
```

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 #1378BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1378BB
}
```

Border

The CSS property to change the border of an element to Hex 1378BB 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
#1378BB }
```

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

```
.border{ border-color:#1378BB }
```

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

Here you see how a box with a 4 pixel #1378BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1378BB; -webkit-box-shadow:4px 4px  
4px 4px #1378BB; box-shadow:4px 4px 4px  
4px #1378BB }
```

Background

The CSS property to change the background color of an element to Hex 1378BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1378BB }
```

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

```
.background{ background-color:#1378BB }
```

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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