

Converting Colors

Hex(1296B2)

Have a look what the booklet for
Hex(1296B2) contains.

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Color

Hex(1296B2)

Conversions

Conversions Part 1

Format	Color
Hex	1296B2
RGB	18, 150, 178
RGB Percent	7%, 59%, 70%
CMY	0.9294, 0.4118, 0.3020
CMYK	0.90, 0.16, 0.00, 0.30
HSL	190°, 82%, 38%
HSV	190°, 90%, 70%
XYZ	19.1917, 25.1556, 45.9635
YIQ	113.7240, -87.6600, -19.2760

Conversions

Conversions Part 2

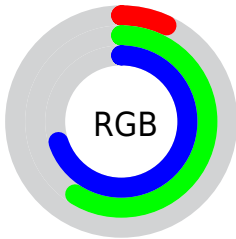
Format	Color
RYB	18, 90, 178
Decimal	1218226
CIELab	57.23, -22.30, -23.78
CIELCh	57, 32.598, 226.838
Yxy	25.1556, 0.2125, 0.2785
Android (android.graphics.Color)	4279408306 (0xFF1296B2)
YUV	113.7240, 31.6881, -83.9499
Hunter-Lab	50.1554, -19.4699, -19.2259

Details

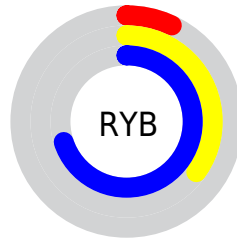
The Hex color **1296B2** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B22E12**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **62CCEA**, and **00637D** is the 20% darker color. If you saturate the color by 10%, you get **0093B2**, and if you desaturate by 10%, it is **2499B2**.

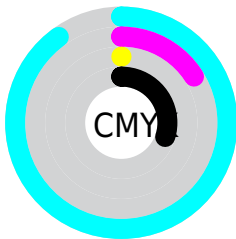
Distribution



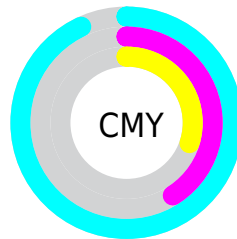
- Red (7%)
- Green (59%)
- Blue (70%)



- Red (7%)
- Yellow (35%)
- Blue (70%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (93%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1296B2 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 1296B2 by changing the saturation by 10% instead.

■ 1296B2

■ 1296B2

FFFFFF

■ 007C97

■ 62CCEA

■ 00637D

■ 81E9FF

■ 004B64

■ 9FFFFFF

■ 00344C

■ BDFFFF

■ 002035

■ DBFFFF

■ 000220

■ FAFFFF

■ 000004

■ 000000

■ 1296B2

■ 1296B2

■ 0093B2

■ 2499B2

■ 369CB2

■ 479FB2

■ 59A2B2

■ 6BA6B2

■ 7DA9B2

■ 8FACB2

■ A0AFB2

■ B2B2B2

Harmonies

Analogous

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



1B9999



1296B2



4990C0

Triad

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



1296B2



B97597



8C8D52

Complementary

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



1296B2



B22E12

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.



A78352



1296B2



C1747A

Square

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



1296B2



A17CB0



BA7A61



6C9461

Rectangle

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



1296B2



6B8AC2



BA7A61



968A50

Sweetspot

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



1296B2



A9DDE8



12B22D



506F75



F5F5F5



757575

Same Dimension

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



1296B2



00BFE8



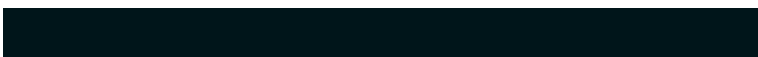
1247B2



505859



007E99



00151A

Inverse Universe

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



B21296



E800BF



B27D12



595058



99007E



1A0015

Previews

White Background



This preview shows how the Hex color 1296B2 looks on a white background.

Color Contrast Check

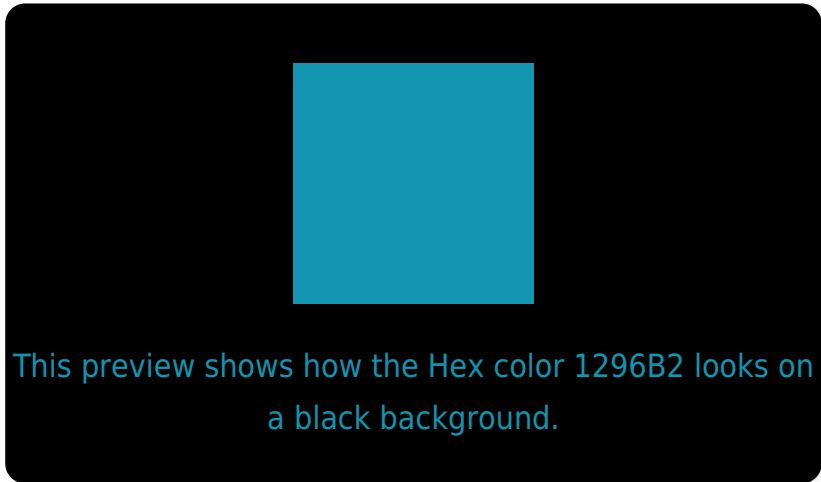
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

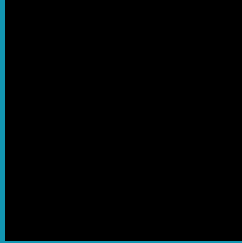
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1296B2 Background



This preview shows how black text looks on a background with the Hex color 1296B2.

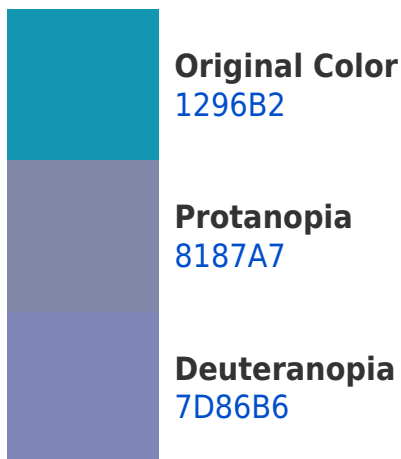


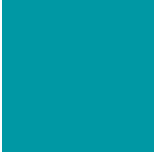
This preview shows how white text looks on a background with the Hex color 1296B2.

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](#).

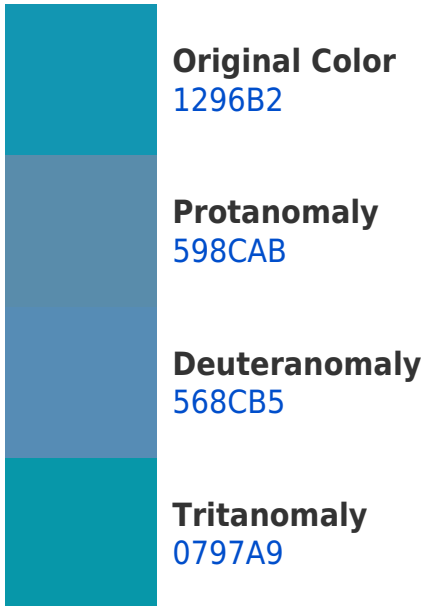
Dichromacy



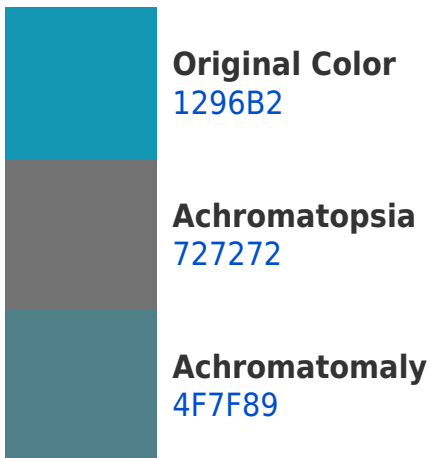


Tritanopia
0098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1296B2 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 #1296B2 looks like.

```
.text, #text, p{  
    color:#1296B2  
}
```

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 #1296B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1296B2
}
```

Border

The CSS property to change the border of an element to Hex 1296B2 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
#1296B2 }
```

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

```
.border{ border-color:#1296B2 }
```

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

Here you see how a box with a 4 pixel #1296B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1296B2; -webkit-box-shadow:4px 4px  
4px 4px #1296B2; box-shadow:4px 4px 4px  
4px #1296B2 }
```

Background

The CSS property to change the background color of an element to Hex 1296B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1296B2 }
```

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

```
.background{ background-color:#1296B2 }
```

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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