

Converting Colors

Hex(12C6D8)

Have a look what the booklet for
Hex(12C6D8) contains.

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Color

Hex(12C6D8)

Conversions

Conversions Part 1

Format	Color
Hex	12C6D8
RGB	18, 198, 216
RGB Percent	7%, 78%, 85%
CMY	0.9294, 0.2235, 0.1529
CMYK	0.92, 0.08, 0.00, 0.15
HSL	185°, 85%, 46%
HSV	185°, 92%, 85%
XYZ	32.8382, 45.4746, 72.0125
YIQ	146.2320, -113.0580, -32.5620

Conversions

Conversions Part 2

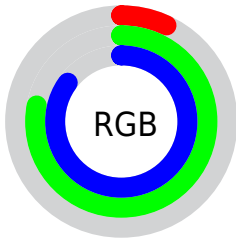
Format	Color
R _{YB}	18, 112, 216
Decimal	1230552
CIE Lab	73.20, -33.65, -20.45
CIE LCh	73, 39.379, 211.292
Yxy	45.4746, 0.2184, 0.3025
Android (android.graphics.Color)	4279420632 (0xFF12C6D8)
YUV	146.2320, 34.3956, -112.4595
Hunter-Lab	67.4349, -31.0884, -16.1103

Details

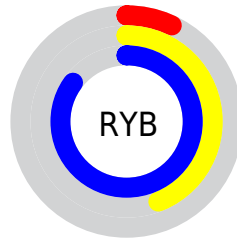
The Hex color **12C6D8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D82412**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **6EFFFF**, and **0090A1** is the 20% darker color. If you saturate the color by 10%, you get **00C4D8**, and if you desaturate by 10%, it is **28C8D8**.

Distribution



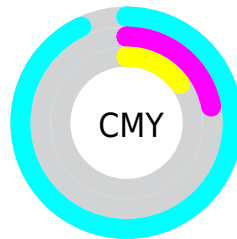
- Red (7%)
- Green (78%)
- Blue (85%)



- Red (7%)
- Yellow (44%)
- Blue (85%)



- Cyan (92%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C6D8 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 12C6D8 by changing the saturation by 10% instead.

 12C6D8

 12C6D8

FFFFFF

 00AABC

 6EFFFF

 0090A1

 8FFFFFF

 007687

 AFFFFFF

 005C6E

 CFFFFFF

 004455

 EFFFFFF

 002D3E

 001528

 000113

 000000

 12C6D8

 12C6D8

 00C4D8

 28C8D8

 3DCAD8

 53CCD8

 68CED8

 7ED0D8

 94D2D8

 A9D4D8

 BFD6D8

 D4D8D8

Harmonies

Analogous

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



47C7B4



12C6D8



40C1F2

Triad

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



12C6D8



E39ED7



CAB26B

Complementary

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



12C6D8



D82412

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.



E8A675



12C6D8



F898B4

Square

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



12C6D8



BAAAF1



F89B90



A4BD75

Rectangle

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



12C6D8



6DBAFA



F89B90



D5AE6C

Sweetspot

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



12C6D8



B8F9FF



12D822



547C80



000000



808080

Same Dimension

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



12C6D8



00E8FF



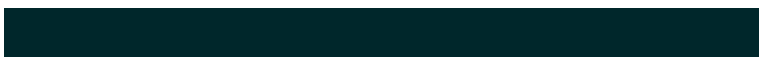
1265D8



606A6B



009BAB



00272B

Inverse Universe

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



D812C6



FF00E8



D88612



6B606A



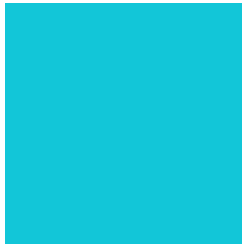
AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 12C6D8 looks on a white background.

Color Contrast Check

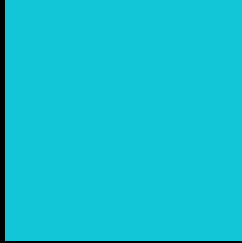
Large Text (above 18pt) WCAG AA × Fail

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 12C6D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

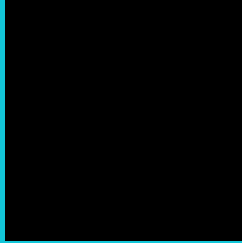
Any Text WCAG AA ✓ Pass

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 12C6D8 Background



This preview shows how black text looks on a background with the Hex color 12C6D8.

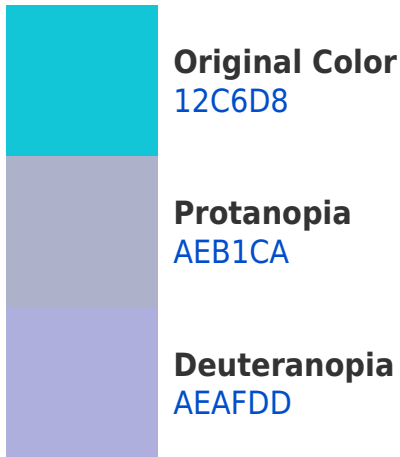


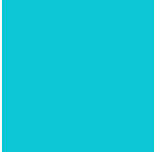
This preview shows how white text looks on a background with the Hex color 12C6D8.

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
0CC6D6

Trichromacy



Original Color
12C6D8



Protanomaly
75B9CF



Deuteranomaly
75B7DB



Tritanomaly
0EC6D7

Monochromacy



Original Color
12C6D8



Achromatopsia
929292



Achromatomaly
63A5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C6D8 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 #12C6D8 looks like.

```
.text, #text, p{  
    color:#12C6D8  
}
```

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 #12C6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C6D8
}
```

Border

The CSS property to change the border of an element to Hex 12C6D8 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
#12C6D8 }
```

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

```
.border{ border-color:#12C6D8 }
```

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

Here you see how a box with a 4 pixel #12C6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C6D8; -webkit-box-shadow:4px 4px  
4px 4px #12C6D8; box-shadow:4px 4px 4px  
4px #12C6D8 }
```

Background

The CSS property to change the background color of an element to Hex 12C6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C6D8 }
```

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

```
.background{ background-color:#12C6D8 }
```

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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