

Converting Colors

Hex(60D6BC)

Have a look what the booklet for
Hex(60D6BC) contains.

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Color

Hex(60D6BC)

Conversions

Conversions Part 1

Format	Color
Hex	60D6BC
RGB	96, 214, 188
RGB Percent	38%, 84%, 74%
CMY	0.6235, 0.1608, 0.2627
CMYK	0.55, 0.00, 0.12, 0.16
HSL	167°, 59%, 61%
HSV	167°, 55%, 84%
XYZ	37.9475, 54.2108, 56.0406
YIQ	175.7540, -61.9820, -33.1020

Conversions

Conversions Part 2

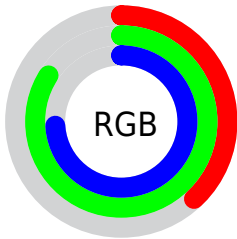
Format	Color
RYB	96, 162, 214
Decimal	6346428
CIELab	78.58, -39.52, 2.80
CIELCh	79, 39.618, 175.951
Yxy	54.2108, 0.2561, 0.3658
Android (android.graphics.Color)	4284536508 (0xFF60D6BC)
YUV	175.7540, 6.0373, -69.9443
Hunter-Lab	73.6280, -36.8508, 6.4120

Details

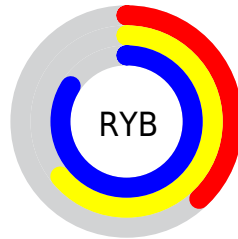
The Hex color **60D6BC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D6607A**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9BFFF4**, and **179F87** is the 20% darker color. If you saturate the color by 10%, you get **4BD6B7**, and if you desaturate by 10%, it is **75D6C1**.

Distribution



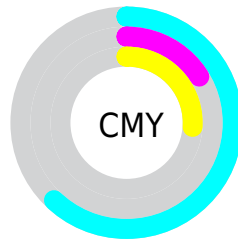
- Red (38%)
- Green (84%)
- Blue (74%)



- Red (38%)
- Yellow (64%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D6BC 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 60D6BC by changing the saturation by 10% instead.

 60D6BC

 60D6BC

FFFFFF

 40BAA1

 9BFFF4

 179F87

 B9FFFF

 00846E

 D6FFFF

 006A55

 F4FFFF

 00513E

 003928

 002514

 000000

 60D6BC

 60D6BC

 4BD6B7

 75D6C1

 35D6B3

 8BD6C5

 20D6AE

 A0D6CA

 0AD6A9

 B6D6CF

 00D6A7

 CBD6D4

 E0D6D8

 F6D6DD

 FFD6E2

 FFD6E6

Harmonies

Analogous

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



8FD298



60D6BC



36D6E1

Triad

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



60D6BC



C0BBFF



FCB287

Complementary

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



60D6BC



D6607A

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.



FFA8A4



60D6BC



ECAEEC

Square

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



60D6BC



86C8FF



FFA6C9



E0BF79

Rectangle

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



60D6BC



3BD3F6



FFA6C9



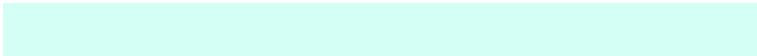
FFAE8F

Sweetspot

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



60D6BC



D4FFF5



7CD660



66807A



000000



808080

Same Dimension

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



60D6BC



57FFDA



60B7D6



606B69



00AB85



002B22

Inverse Universe

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



D6607A



FF577C



D67F60



6B6063



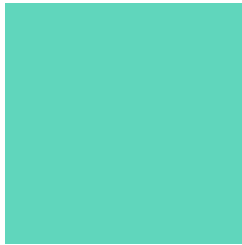
AB0026



2B000A

Previews

White Background



This preview shows how the Hex color 60D6BC looks on a white background.

Color Contrast Check

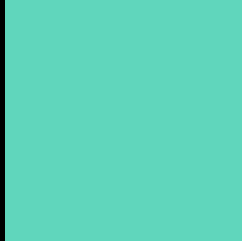
Large Text (above 18pt) WCAG AA × Fail

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 60D6BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

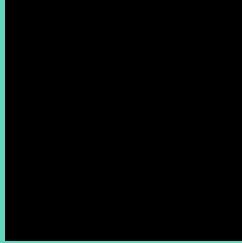
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

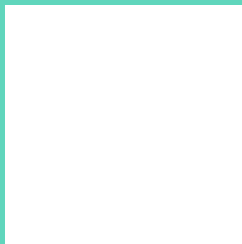
Any Text WCAG AAA ✓ Pass

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

Hex 60D6BC Background



This preview shows how black text looks on a background with the Hex color 60D6BC.



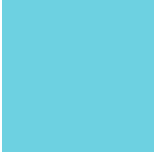
This preview shows how white text looks on a background with the Hex color 60D6BC.

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
6DD1E1

Trichromacy



Original Color
60D6BC



Protanomaly
A2C8B4



Deuteranomaly
A9C5C0

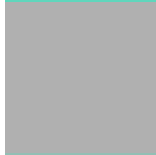


Tritanomaly
68D3D4

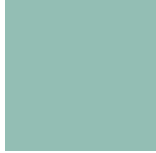
Monochromacy



Original Color
60D6BC



Achromatopsia
B0B0B0



Achromatomaly
93BEB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D6BC 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 #60D6BC looks like.

```
.text, #text, p{  
    color:#60D6BC  
}
```

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 #60D6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D6BC
}
```

Border

The CSS property to change the border of an element to Hex 60D6BC 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
#60D6BC }
```

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

```
.border{ border-color:#60D6BC }
```

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

Here you see how a box with a 4 pixel #60D6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D6BC; -webkit-box-shadow:4px 4px  
4px 4px #60D6BC; box-shadow:4px 4px 4px  
4px #60D6BC }
```

Background

The CSS property to change the background color of an element to Hex 60D6BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D6BC }
```

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

```
.background{ background-color:#60D6BC }
```

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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