

Converting Colors

Hex(6DB3C2)

Have a look what the booklet for
Hex(6DB3C2) contains.

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Color

Hex(6DB3C2)

Conversions

Conversions Part 1

Format	Color
Hex	6DB3C2
RGB	109, 179, 194
RGB Percent	43%, 70%, 76%
CMY	0.5725, 0.2980, 0.2392
CMYK	0.44, 0.08, 0.00, 0.24
HSL	191°, 41%, 59%
HSV	191°, 44%, 76%
XYZ	32.1644, 39.3865, 56.9460
YIQ	159.7800, -46.5350, -10.1750

Conversions

Conversions Part 2

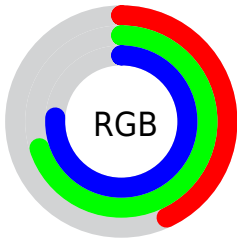
Format	Color
R _{YB}	109, 147, 194
Decimal	7189442
CIE _{Lab}	69.03, -18.08, -14.53
CIE _{LCh}	69, 23.197, 218.795
Yxy	39.3865, 0.2503, 0.3065
Android (android.graphics.Color)	4285379522 (0xFF6DB3C2)
YUV	159.7800, 16.8705, -44.5341
Hunter-Lab	62.7586, -18.3447, -9.8676

Details

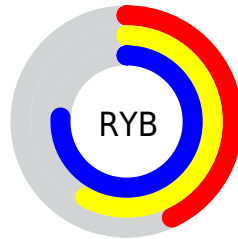
The Hex color **6DB3C2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C27C6D**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **A5EBFA**, and **357E8C** is the 20% darker color. If you saturate the color by 10%, you get **5AB0C2**, and if you desaturate by 10%, it is **80B6C2**.

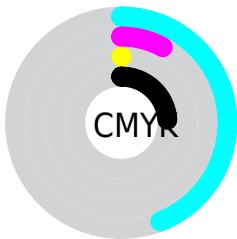
Distribution



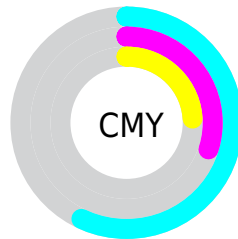
- Red (43%)
- Green (70%)
- Blue (76%)



- Red (43%)
- Yellow (58%)
- Blue (76%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB3C2 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 6DB3C2 by changing the saturation by 10% instead.



6DB3C2



6DB3C2

FFFFFF



5198A7



A5EBFA



357E8C



C1FFFF



126573



DEFFFF



004D5A



FBFFFF



003643



00212D



000119



000000



6DB3C2



6DB3C2

■ 5AB0C2

■ 80B6C2

■ 46ACC2

■ 94BAC2

■ 33A9C2

■ A7BDC2

■ 1FA5C2

■ BBC1C2

■ 0CA2C2

■ CEC4C2

■ 00A0C2

■ E1C8C2

■ F5CBC2

■ FFCEC2

■ FFD2C2

Harmonies

Analogous

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



71B4AE



6DB3C2



7CAFCF

Triad

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



6DB3C2



C99BB8



B2A97F

Complementary

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



6DB3C2



C27C6D

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.



C5A282



6DB3C2



D399A3

Square

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



6DB3C2



B4A1C9



D19C8F



9AAF87

Rectangle

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



6DB3C2



8EABD2



D19C8F



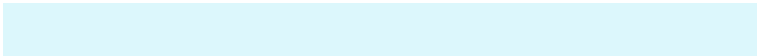
B9A77F

Sweetspot

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



6DB3C2



DCF7FC



6DC27B



6B7C80



000000



808080

Same Dimension

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



6DB3C2



77E5FC



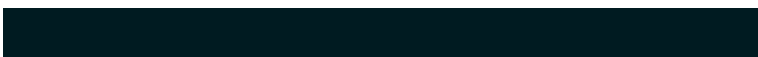
6D89C2



575F61



0084A1



001B21

Inverse Universe

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



C26DB3



FC77E5



C2A66D



61575F



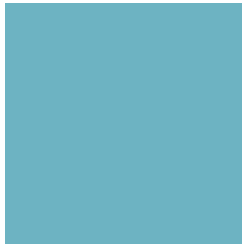
A10084



21001B

Previews

White Background



This preview shows how the Hex color 6DB3C2 looks on a white background.

Color Contrast Check

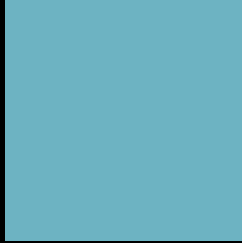
Large Text (above 18pt) WCAG AA × Fail

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 6DB3C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

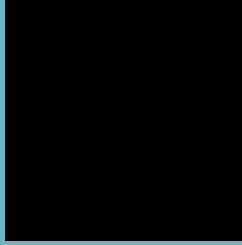
Any Text WCAG AA ✓ Pass

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 6DB3C2 Background



This preview shows how black text looks on a background with the Hex color 6DB3C2.

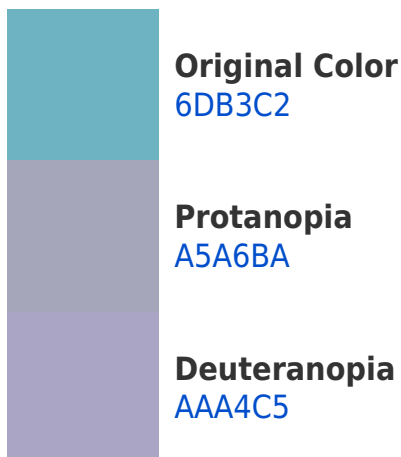


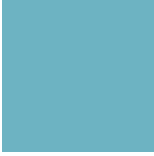
This preview shows how white text looks on a background with the Hex color 6DB3C2.

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](#).

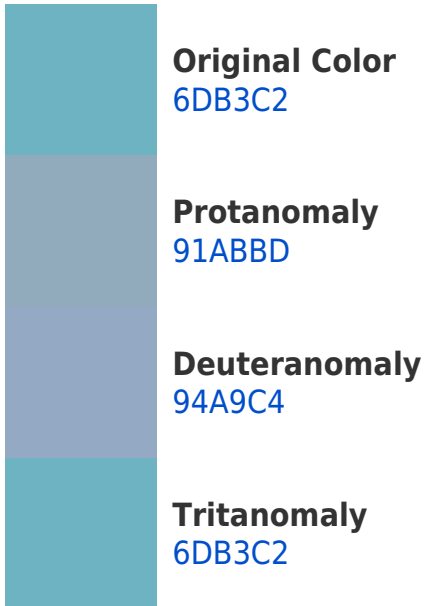
Dichromacy



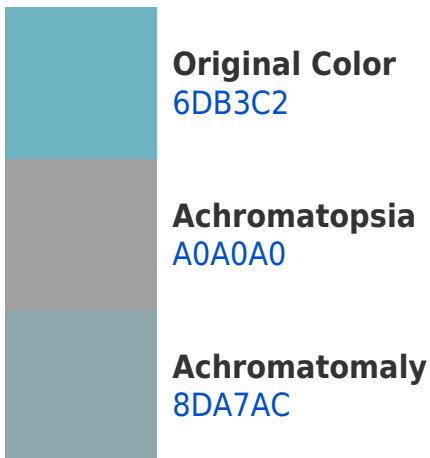


Tritanopia
6DB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB3C2 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 #6DB3C2 looks like.

```
.text, #text, p{  
    color:#6DB3C2  
}
```

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 #6DB3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB3C2
}
```

Border

The CSS property to change the border of an element to Hex 6DB3C2 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
#6DB3C2 }
```

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

```
.border{ border-color:#6DB3C2 }
```

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

Here you see how a box with a 4 pixel #6DB3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB3C2; -webkit-box-shadow:4px 4px  
4px 4px #6DB3C2; box-shadow:4px 4px 4px  
4px #6DB3C2 }
```

Background

The CSS property to change the background color of an element to Hex 6DB3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB3C2 }
```

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

```
.background{ background-color:#6DB3C2 }
```

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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