

Converting Colors

Hex(6DBEC1)

Have a look what the booklet for
Hex(6DBEC1) contains.

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Color

Hex(6DBEC1)

Conversions

Conversions Part 1

Format	Color
Hex	6DBEC1
RGB	109, 190, 193
RGB Percent	43%, 75%, 76%
CMY	0.5725, 0.2549, 0.2431
CMYK	0.44, 0.02, 0.00, 0.24
HSL	182°, 40%, 59%
HSV	182°, 44%, 76%
XYZ	34.3458, 43.9284, 57.1209
YIQ	166.1230, -49.2390, -16.2390

Conversions

Conversions Part 2

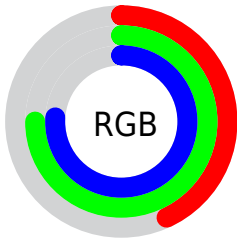
Format	Color
RYB	109, 150, 193
Decimal	7192257
CIELab	72.18, -23.95, -9.27
CIELCh	72, 25.684, 201.151
Yxy	43.9284, 0.2537, 0.3244
Android (android.graphics.Color)	4285382337 (0xFF6DBEC1)
YUV	166.1230, 13.2504, -50.0969
Hunter-Lab	66.2785, -23.4880, -4.7031

Details

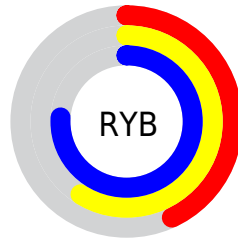
The Hex color **6DBEC1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C1706D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5F7F9**, and **34888C** is the 20% darker color. If you saturate the color by 10%, you get **5ABDC1**, and if you desaturate by 10%, it is **80BFC1**.

Distribution



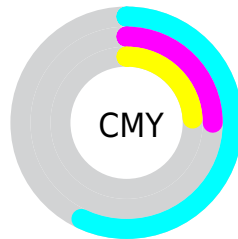
- Red (43%)
- Green (75%)
- Blue (76%)



- Red (43%)
- Yellow (59%)
- Blue (76%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBEC1 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 6DBEC1 by changing the saturation by 10% instead.

 6DBEC1

 6DBEC1

FFFFFF

 51A3A6

 A5F7F9

 34888C

 C2FFFF

 0E6F72

 DFFFFF

 00565A

 FCFFFF

 003E42

 00282C

 000F18

 000000

 6DBEC1

 6DBEC1

■ 5ABDC1

■ 80BFC1

■ 46BDC1

■ 94BFC1

■ 33BCC1

■ A7C0C1

■ 20BBC1

■ BAC1C1

■ 0DBBC1

■ CEC1C1

■ 00BAC1

■ E1C2C1

■ F4C3C1

■ FFC4C1

Harmonies

Analogous

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



7DBEA9



6DBEC1



72BBD5

Triad

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



6DBEC1



C8A6CF



C9AD83

Complementary

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



6DBEC1



C1706D

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.



DAA68D



6DBEC1



DBA1B9

Square

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



6DBEC1



ABADDD



E1A1A1



B1B585

Rectangle

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



6DBEC1



81B7DD



E1A1A1



CFAA85

Sweetspot

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



6DBEC1



D9F9FA



6DC170



697C7D



FCFCFC



7D7D7D

Same Dimension

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



6DBEC1



78F5FA



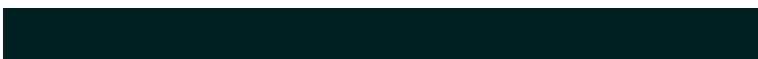
6D94C1



576161



009BA1



002021

Inverse Universe

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



C16DBE



FA78F5



C19A6D



615761



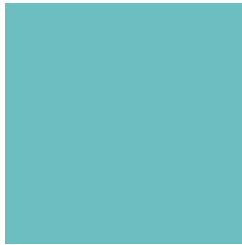
A1009B



210020

Previews

White Background



This preview shows how the Hex color 6DBEC1 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 6DBEC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

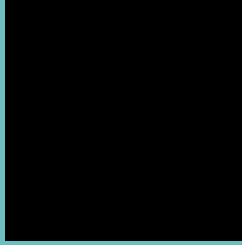
Any Text WCAG AA ✓ Pass

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 6DBEC1 Background



This preview shows how black text looks on a background with the Hex color 6DBEC1.

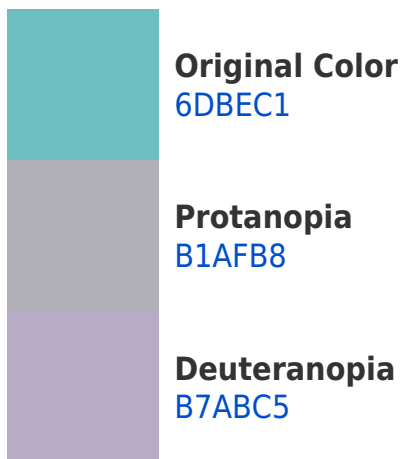


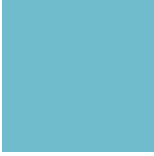
This preview shows how white text looks on a background with the Hex color 6DBEC1.

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

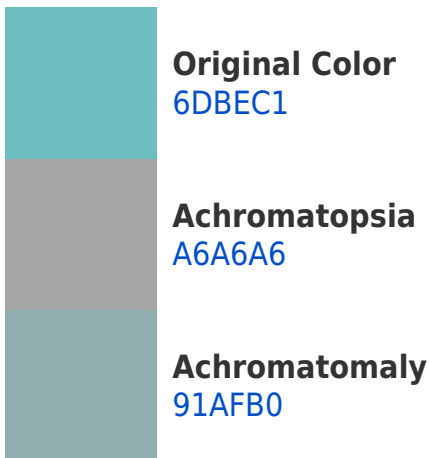




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBEC1 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 #6DBEC1 looks like.

```
.text, #text, p{  
    color:#6DBEC1  
}
```

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 #6DBEC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBEC1
}
```

Border

The CSS property to change the border of an element to Hex 6DBEC1 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
#6DBEC1 }
```

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

```
.border{ border-color:#6DBEC1 }
```

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

Here you see how a box with a 4 pixel #6DBEC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBEC1; -webkit-box-shadow:4px 4px  
4px 4px #6DBEC1; box-shadow:4px 4px 4px  
4px #6DBEC1 }
```

Background

The CSS property to change the background color of an element to Hex 6DBEC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBEC1 }
```

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

```
.background{ background-color:#6DBEC1 }
```

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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