

Converting Colors

Hex(6FD2E2)

Have a look what the booklet for
Hex(6FD2E2) contains.

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Color

Hex(6FD2E2)

Conversions

Conversions Part 1

Format	Color
Hex	6FD2E2
RGB	111, 210, 226
RGB Percent	44%, 82%, 89%
CMY	0.5647, 0.1765, 0.1137
CMYK	0.51, 0.07, 0.00, 0.11
HSL	188°, 66%, 66%
HSV	188°, 51%, 89%
XYZ	43.3296, 54.9637, 80.2768
YIQ	182.2230, -64.1400, -16.0120

Conversions

Conversions Part 2

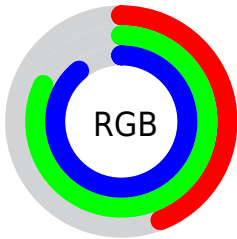
Format	Color
RYB	111, 164, 226
Decimal	7328482
CIELab	79.02, -24.76, -16.85
CIElCh	79, 29.946, 214.242
Yxy	54.9637, 0.2426, 0.3078
Android (android.graphics.Color)	4285518562 (0xFF6FD2E2)
YUV	182.2230, 21.5821, -62.4626
Hunter-Lab	74.1375, -25.4164, -12.3036

Details

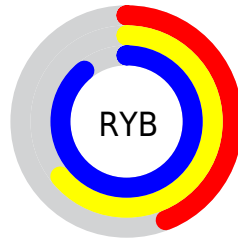
The Hex color **6FD2E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27F6F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFFFF**, and **2F9BAB** is the 20% darker color. If you saturate the color by 10%, you get **58CFE2**, and if you desaturate by 10%, it is **86D5E2**.

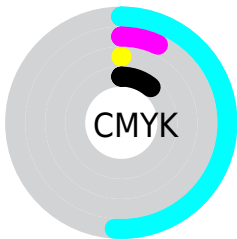
Distribution



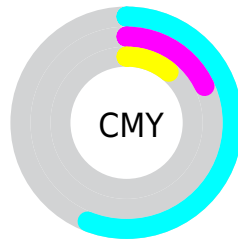
- Red (44%)
- Green (82%)
- Blue (89%)



- Red (44%)
- Yellow (64%)
- Blue (89%)



- Cyan (51%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD2E2 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 6FD2E2 by changing the saturation by 10% instead.

 6FD2E2

 6FD2E2

FFFFFF

 51B6C6

 AAFFFF

 2F9BAB

 C7FFFF

 008190

 E5FFFF

 006877

 004F5E

 003846

 002330

 00011B

 000000

■ 6FD2E2

■ 6FD2E2

■ 58CFE2

■ 86D5E2

■ 42CCE2

■ 9CD8E2

■ 2BC9E2

■ B3DBE2

■ 15C5E2

■ C9DFE2

■ 00C3E2

■ E0E2E2

■ F7E5E2

■ FFE8E2

■ FFEBE2

■ FFEEE2

Harmonies

Analogous

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



7AD3C7



6FD2E2



81CDF5

Triad

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



6FD2E2



EBB3DC



D4C38C

Complementary

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



6FD2E2



E27F6F

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.



ECBA92



6FD2E2



FAAFC1

Square

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



6FD2E2



CDBBF2



FAB2A6



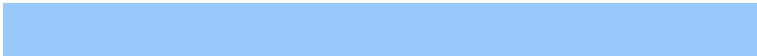
B6CB95

Rectangle

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



6FD2E2



99C8FB



FAB2A6



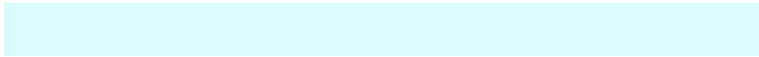
DDC08C

Sweetspot

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



6FD2E2



D9FAFF



6FE27E



697C80



000000



808080

Same Dimension

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



6FD2E2



63E9FF



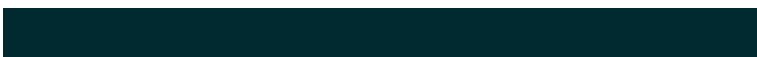
6F99E2



656F70



0097B0



002A30

Inverse Universe

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



E26FD2



FF63E9



E2B86F



70656F



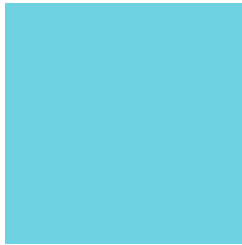
B00097



30002A

Previews

White Background



This preview shows how the Hex color 6FD2E2 looks on a white background.

Color Contrast Check

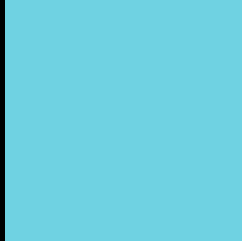
Large Text (above 18pt) WCAG AA × Fail

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 6FD2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

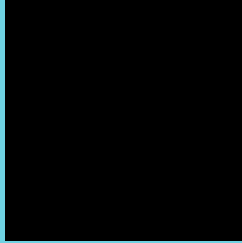
Any Text WCAG AA ✓ Pass

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 6FD2E2 Background



This preview shows how black text looks on a background with the Hex color 6FD2E2.

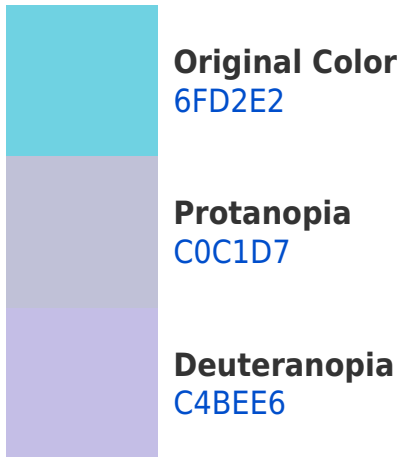


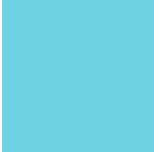
This preview shows how white text looks on a background with the Hex color 6FD2E2.

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](#).

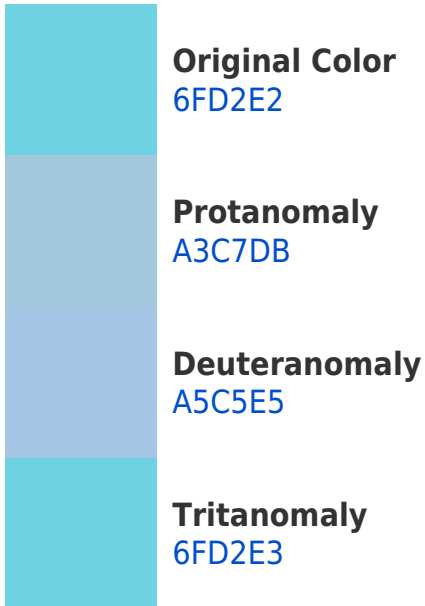
Dichromacy



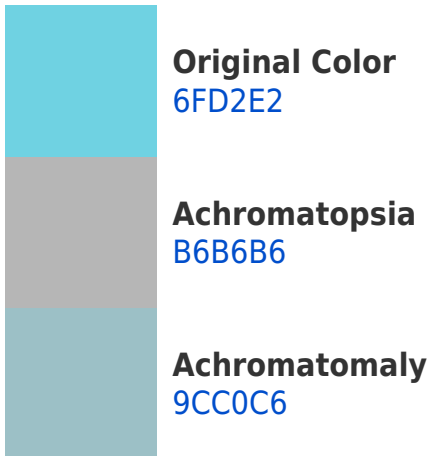


Tritanopia
6FD2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD2E2 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 #6FD2E2 looks like.

```
.text, #text, p{  
    color:#6FD2E2  
}
```

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 #6FD2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD2E2
}
```

Border

The CSS property to change the border of an element to Hex 6FD2E2 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
#6FD2E2 }
```

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

```
.border{ border-color:#6FD2E2 }
```

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

Here you see how a box with a 4 pixel #6FD2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD2E2; -webkit-box-shadow:4px 4px  
4px 4px #6FD2E2; box-shadow:4px 4px 4px  
4px #6FD2E2 }
```

Background

The CSS property to change the background color of an element to Hex 6FD2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD2E2 }
```

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

```
.background{ background-color:#6FD2E2 }
```

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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