

Converting Colors

Hex(60D7E2)

Have a look what the booklet for
Hex(60D7E2) contains.

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Color

Hex(60D7E2)

Conversions

Conversions Part 1

Format	Color
Hex	60D7E2
RGB	96, 215, 226
RGB Percent	38%, 84%, 89%
CMY	0.6235, 0.1569, 0.1137
CMYK	0.58, 0.05, 0.00, 0.11
HSL	185°, 69%, 63%
HSV	185°, 58%, 89%
XYZ	42.8518, 56.5787, 80.6138
YIQ	180.6730, -74.4550, -21.8070

Conversions

Conversions Part 2

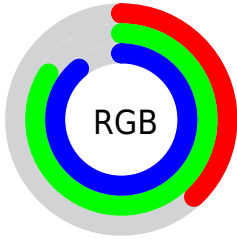
Format	Color
RYB	96, 158, 226
Decimal	6346722
CIELab	79.94, -30.15, -15.51
CIElCh	80, 33.905, 207.230
Yxy	56.5787, 0.2380, 0.3142
Android (android.graphics.Color)	4284536802 (0xFF60D7E2)
YUV	180.6730, 22.3462, -74.2582
Hunter-Lab	75.2188, -29.9423, -10.8893

Details

The Hex color **60D7E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E26B60**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9DFFFF**, and **08A0AB** is the 20% darker color. If you saturate the color by 10%, you get **49D5E2**, and if you desaturate by 10%, it is **77D9E2**.

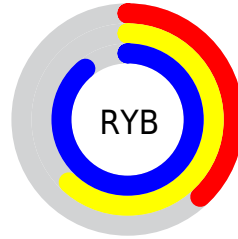
Distribution



Red (38%)

Green (84%)

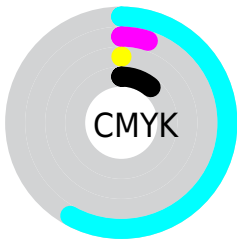
Blue (89%)



Red (38%)

Yellow (62%)

Blue (89%)

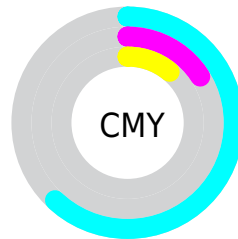


Cyan (58%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D7E2 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 60D7E2 by changing the saturation by 10% instead.

 60D7E2

 60D7E2

FFFFFF

 3EBBC6

 9DFFFF

 08A0AB

 BBFFFF

 008590

 DAFFFF

 006C77

 F8FFFF

 00535E

 003B46

 002630

 00011C

 000000

■ 60D7E2

■ 60D7E2

■ 49D5E2

■ 77D9E2

■ 33D3E2

■ 8DDBE2

■ 1CD1E2

■ A4DDE2

■ 06CFE2

■ BADFE2

■ 00CFE2

■ D1E1E2

■ E8E2E2

■ FEE4E2

■ FFE6E2

■ FFE8E2

Harmonies

Analogous

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



76D7C2



60D7E2



6ED2FA

Triad

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



60D7E2



ECB5E9



DFC387

Complementary

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



60D7E2



E26B60

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.



F8B992



60D7E2



FFAFCA

Square

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



60D7E2



C7BFFE



FFB0AB



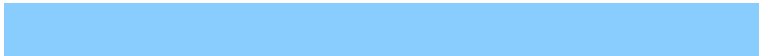
BECD8D

Rectangle

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



60D7E2



89CFFF



FFB0AB



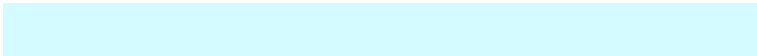
E9C089

Sweetspot

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



60D7E2



D4FBFF



60E26B



667D80



000000



808080

Same Dimension

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



60D7E2



4FF0FF



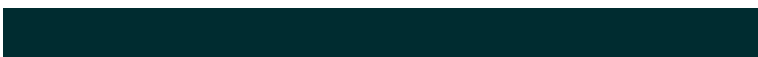
6096E2



656F70



00A1B0



002C30

Inverse Universe

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



E260D7



FF4FF0



E2AC60



70656F



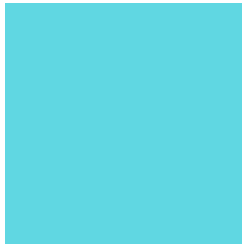
B000A1



30002C

Previews

White Background



This preview shows how the Hex color 60D7E2 looks on a white background.

Color Contrast Check

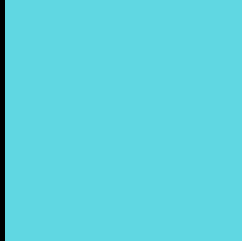
Large Text (above 18pt) WCAG AA × Fail

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 60D7E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

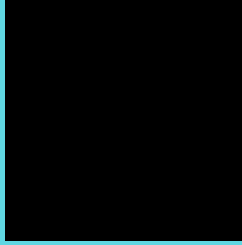
Any Text WCAG AA ✓ Pass

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 60D7E2 Background



This preview shows how black text looks on a background with the Hex color 60D7E2.

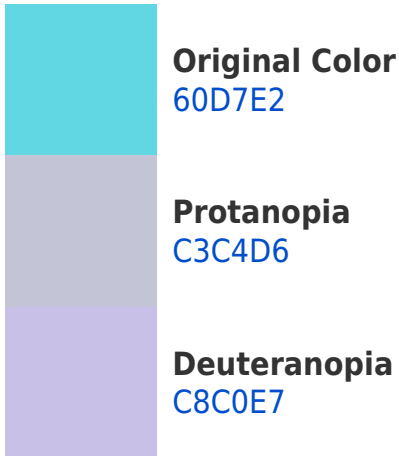


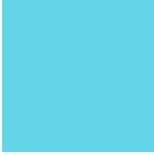
This preview shows how white text looks on a background with the Hex color 60D7E2.

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
62D6E7

Trichromacy



Original Color
60D7E2



Protanomaly
9FCBDA



Deuteranomaly
A2C8E5

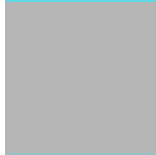


Tritanomaly
61D6E5

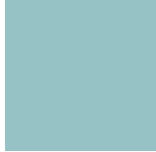
Monochromacy



Original Color
60D7E2



Achromatopsia
B5B5B5



Achromatomaly
96C1C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D7E2 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 #60D7E2 looks like.

```
.text, #text, p{  
    color:#60D7E2  
}
```

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 #60D7E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D7E2
}
```

Border

The CSS property to change the border of an element to Hex 60D7E2 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
#60D7E2 }
```

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

```
.border{ border-color:#60D7E2 }
```

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

Here you see how a box with a 4 pixel #60D7E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D7E2; -webkit-box-shadow:4px 4px  
4px 4px #60D7E2; box-shadow:4px 4px 4px  
4px #60D7E2 }
```

Background

The CSS property to change the background color of an element to Hex 60D7E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D7E2 }
```

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

```
.background{ background-color:#60D7E2 }
```

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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