

Converting Colors

Hex(62DCE4)

Have a look what the booklet for
Hex(62DCE4) contains.

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Color

Hex(62DCE4)

Conversions

Conversions Part 1

Format	Color
Hex	62DCE4
RGB	98, 220, 228
RGB Percent	38%, 86%, 89%
CMY	0.6157, 0.1373, 0.1059
CMYK	0.57, 0.04, 0.00, 0.11
HSL	184°, 71%, 64%
HSV	184°, 57%, 89%
XYZ	44.6338, 59.3845, 82.5087
YIQ	184.4340, -75.2800, -23.3760

Conversions

Conversions Part 2

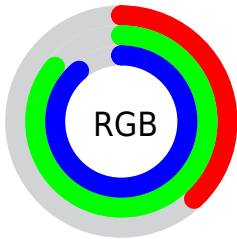
Format	Color
RYB	98, 161, 228
Decimal	6479076
CIELab	81.50, -31.63, -14.23
CIELCh	82, 34.685, 204.221
Yxy	59.3845, 0.2393, 0.3184
Android (android.graphics.Color)	4284669156 (0xFF62DCE4)
YUV	184.4340, 21.4780, -75.8026
Hunter-Lab	77.0613, -31.4705, -9.5382

Details

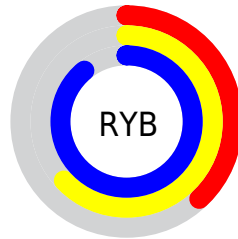
The Hex color **62DCE4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E46A62**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9FFFFFF**, and **0CA5AD** is the 20% darker color. If you saturate the color by 10%, you get **4BDBE4**, and if you desaturate by 10%, it is **79DDE4**.

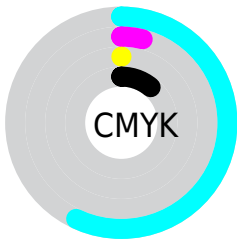
Distribution



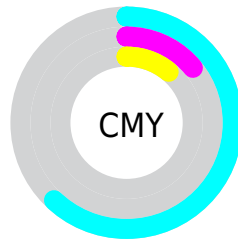
- Red (38%)
- Green (86%)
- Blue (89%)



- Red (38%)
- Yellow (63%)
- Blue (89%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62DCE4 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 62DCE4 by changing the saturation by 10% instead.

 62DCE4

 62DCE4

FFFFFF

 40C0C8

 9FFFFFF

 0CA5AD

 BEFFFF

 008A92

 DCFFFF

 007078

 FAFFFF

 005760

 003F48

 002931

 000C1D

 000000

 62DCE4

 62DCE4

 4BDBE4

 79DDE4

 34D9E4

 90DFE4

 1ED8E4

 A6E0E4

 07D6E4

 BDE2E4

 00D6E4

 D4E3E4

 EBE4E4

 FFE6E4

 FFE7E4

 FFE9E4

Harmonies

Analogous

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



7BDCC3



62DCE4



6CD8FE

Triad

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



62DCE4



EEB9F1



E7C68A

Complementary

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



62DCE4



E46A62

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.



FFBB97



62DCE4



FFB3D2

Square

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



62DCE4



C6C4FF



FFB4B1



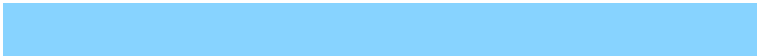
C6D18F

Rectangle

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



62DCE4



87D3FF



FFB4B1



F1C38C

Sweetspot

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



62DCE4



D4FCFF



62E469



667E80



000000



808080

Same Dimension

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



62DCE4



52F4FF



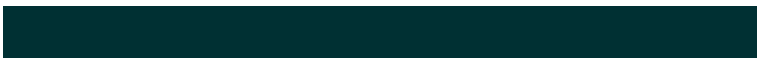
629DE4



677273



00A8B3



003033

Inverse Universe

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



E462DC



FF52F4



E4AA62



736772



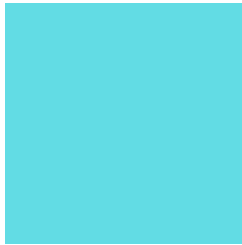
B300A8



330030

Previews

White Background



This preview shows how the Hex color 62DCE4 looks on a white background.

Color Contrast Check

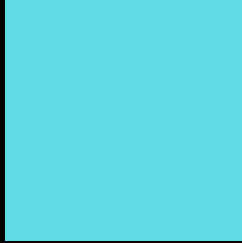
Large Text (above 18pt) WCAG AA × Fail

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 62DCE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

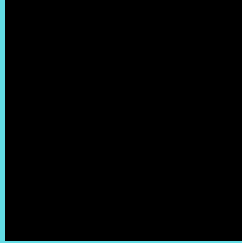
Any Text WCAG AA ✓ Pass

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 62DCE4 Background



This preview shows how black text looks on a background with the Hex color 62DCE4.

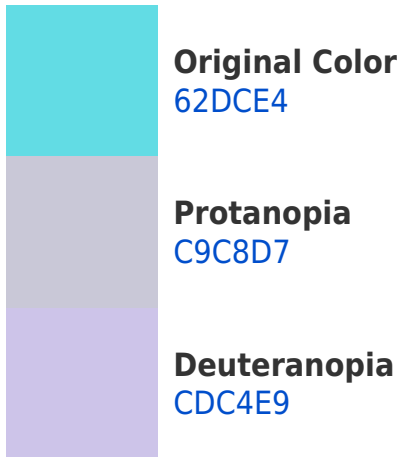


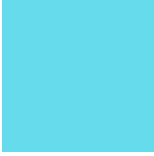
This preview shows how white text looks on a background with the Hex color 62DCE4.

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](#).

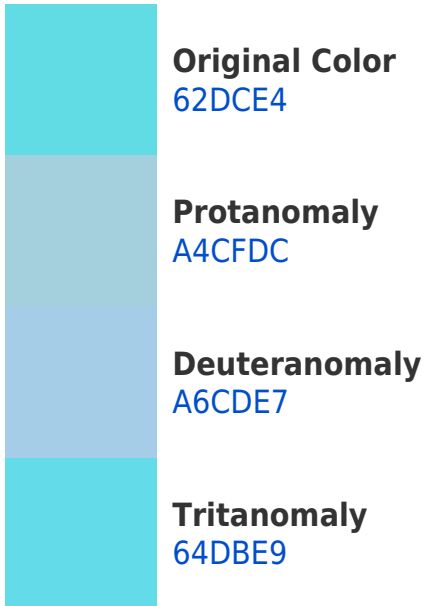
Dichromacy





Tritanopia
65DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62DCE4 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 #62DCE4 looks like.

```
.text, #text, p{  
    color:#62DCE4  
}
```

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 #62DCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DCE4
}
```

Border

The CSS property to change the border of an element to Hex 62DCE4 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
#62DCE4 }
```

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

```
.border{ border-color:#62DCE4 }
```

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

Here you see how a box with a 4 pixel #62DCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DCE4; -webkit-box-shadow:4px 4px  
4px 4px #62DCE4; box-shadow:4px 4px 4px  
4px #62DCE4 }
```

Background

The CSS property to change the background color of an element to Hex 62DCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DCE4 }
```

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

```
.background{ background-color:#62DCE4 }
```

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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