

Converting Colors

Hex(64D9E2)

Have a look what the booklet for
Hex(64D9E2) contains.

Hex(64D9E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64D9E2)

Conversions

Conversions Part 1

Format	Color
Hex	64D9E2
RGB	100, 217, 226
RGB Percent	39%, 85%, 89%
CMY	0.6078, 0.1490, 0.1137
CMYK	0.56, 0.04, 0.00, 0.11
HSL	184°, 68%, 64%
HSV	184°, 56%, 89%
XYZ	43.7959, 57.8260, 80.8048
YIQ	183.0430, -72.6210, -22.0050

Conversions

Conversions Part 2

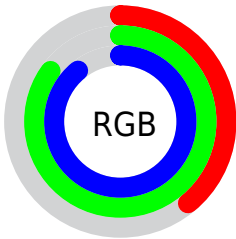
Format	Color
RYB	100, 161, 226
Decimal	6609378
CIELab	80.64, -30.37, -14.45
CIElCh	81, 33.632, 205.445
Yxy	57.8260, 0.2401, 0.3170
Android (android.graphics.Color)	4284799458 (0xFF64D9E2)
YUV	183.0430, 21.1778, -72.8287
Hunter-Lab	76.0434, -30.2721, -9.7720

Details

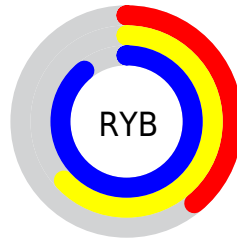
The Hex color **64D9E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E26D64**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A1FFFF**, and **16A2AB** is the 20% darker color. If you saturate the color by 10%, you get **4DD7E2**, and if you desaturate by 10%, it is **7BDBE2**.

Distribution



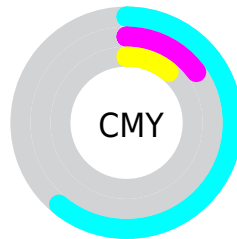
- Red (39%)
- Green (85%)
- Blue (89%)



- Red (39%)
- Yellow (63%)
- Blue (89%)



- Cyan (56%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D9E2 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 64D9E2 by changing the saturation by 10% instead.

 64D9E2

 64D9E2

FFFFFF

 43BDC6

 A1FFFF

 16A2AB

 BFFFFFF

 008790

 DDFFFF

 006D77

 FBFFFF

 00555E

 003D46

 002730

 00061C

 000000

■ 64D9E2

■ 64D9E2

■ 4DD7E2

■ 7BDBE2

■ 37D6E2

■ 91DCE2

■ 20D4E2

■ A8DEE2

■ 0AD3E2

■ BEDFE2

■ 00D2E2

■ D5E1E2

■ ECE3E2

■ FFE4E2

■ FFE6E2

■ FFE8E2

Harmonies

Analogous

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



7BD9C2



64D9E2



70D5FB

Triad

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



64D9E2



ECB7EC



E3C58A

Complementary

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



64D9E2



E26D64

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.



FBBA96



64D9E2



FFB1CE

Square

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



64D9E2



C6C2FF



FFB2AF



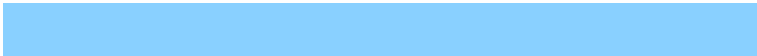
C2CE8F

Rectangle

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



64D9E2



89D0FF



FFB2AF



ECC18C

Sweetspot

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



64D9E2



D4FCFF



64E26C



667E80



000000



808080

Same Dimension

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



64D9E2



54F3FF



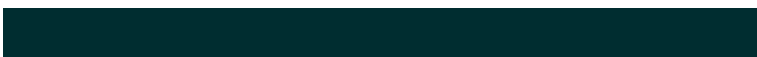
649BE2



656F70



00A3B0



002D30

Inverse Universe

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



E264D9



FF54F3



E2AB64



70656F



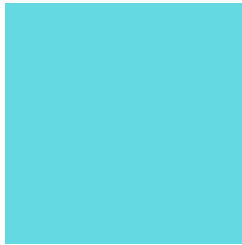
B000A3



30002D

Previews

White Background



This preview shows how the Hex color 64D9E2 looks on a white background.

Color Contrast Check

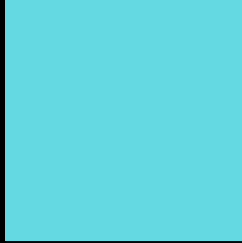
Large Text (above 18pt) WCAG AA × Fail

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 64D9E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

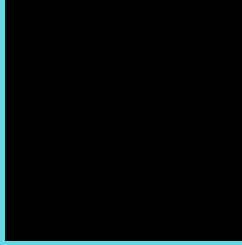
Any Text WCAG AA ✓ Pass

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 64D9E2 Background



This preview shows how black text looks on a background with the Hex color 64D9E2.

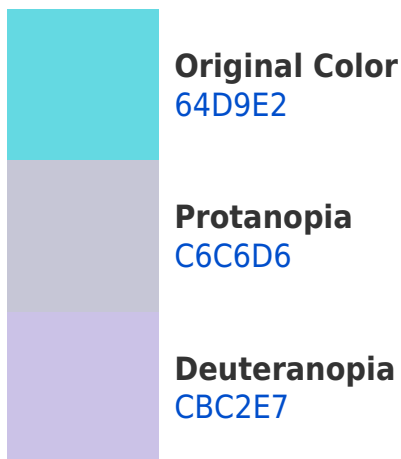


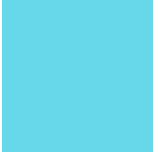
This preview shows how white text looks on a background with the Hex color 64D9E2.

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
67D8E9

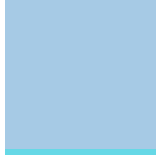
Trichromacy



Original Color
64D9E2



Protanomaly
A2CDDA



Deuteranomaly
A6CAE5

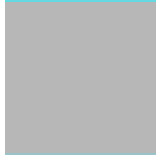


Tritanomaly
66D8E6

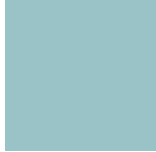
Monochromacy



Original Color
64D9E2



Achromatopsia
B7B7B7



Achromatomaly
99C3C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 64D9E2 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 #64D9E2 looks like.

```
.text, #text, p{  
    color:#64D9E2  
}
```

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 #64D9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D9E2
}
```

Border

The CSS property to change the border of an element to Hex 64D9E2 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
#64D9E2 }
```

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

```
.border{ border-color:#64D9E2 }
```

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

Here you see how a box with a 4 pixel #64D9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D9E2; -webkit-box-shadow:4px 4px  
4px 4px #64D9E2; box-shadow:4px 4px 4px  
4px #64D9E2 }
```

Background

The CSS property to change the background color of an element to Hex 64D9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D9E2 }
```

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

```
.background{ background-color:#64D9E2 }
```

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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