

Converting Colors

Hex(64D1E2)

Have a look what the booklet for
Hex(64D1E2) contains.

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Color

Hex(64D1E2)

Conversions

Conversions Part 1

Format	Color
Hex	64D1E2
RGB	100, 209, 226
RGB Percent	39%, 82%, 89%
CMY	0.6078, 0.1804, 0.1137
CMYK	0.56, 0.08, 0.00, 0.11
HSL	188°, 68%, 64%
HSV	188°, 56%, 89%
XYZ	41.7835, 53.8012, 80.1340
YIQ	178.3470, -70.4210, -17.8210

Conversions

Conversions Part 2

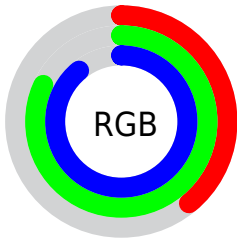
Format	Color
RYB	100, 158, 226
Decimal	6607330
CIELab	78.35, -26.48, -17.91
CIELCh	78, 31.966, 214.067
Yxy	53.8012, 0.2378, 0.3062
Android (android.graphics.Color)	4284797410 (0xFF64D1E2)
YUV	178.3470, 23.4929, -68.7103
Hunter-Lab	73.3493, -26.6788, -13.4297

Details

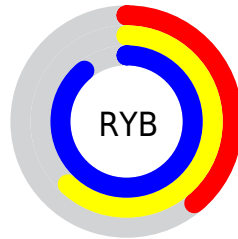
The Hex color **64D1E2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E27564**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A0FFFF**, and **199AAB** is the 20% darker color. If you saturate the color by 10%, you get **4DCEE2**, and if you desaturate by 10%, it is **7BD4E2**.

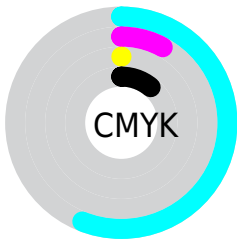
Distribution



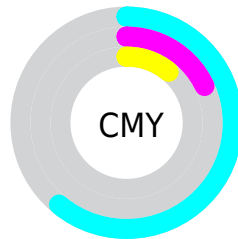
- Red (39%)
- Green (82%)
- Blue (89%)



- Red (39%)
- Yellow (62%)
- Blue (89%)



- Cyan (56%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D1E2 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 64D1E2 by changing the saturation by 10% instead.

 64D1E2

 64D1E2

FFFFFF

 44B5C6

 A0FFFF

 199AAB

 BEFFFF

 008090

 DCFFFF

 006776

 FAFFFF

 004E5E

 003746

 002230

 00011B

 000000

■ 64D1E2

■ 64D1E2

■ 4DC EE2

■ 7BD4E2

■ 37CBE2

■ 91D7E2

■ 20C8E2

■ A8DAE2

■ 0AC5E2

■ BEDDE2

■ 00C4E2

■ D5E0E2

■ ECE3E2

■ FFE6E2

■ FFE9E2

■ FFECE2

Harmonies

Analogous

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



71D2C5



64D1E2



78CCF6

Triad

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



64D1E2



EBB0DC



D3C186

Complementary

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



64D1E2



E27564

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.



EDB78D



64D1E2



FCACBF

Square

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



64D1E2



CBB9F3



FCAFA2



B3CA90

Rectangle

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



64D1E2



93C6FC



FCAFA2



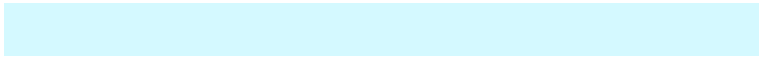
DCBE87

Sweetspot

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



64D1E2



D4F9FF



64E275



667C80



000000



808080

Same Dimension

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



64D1E2



54E8FF



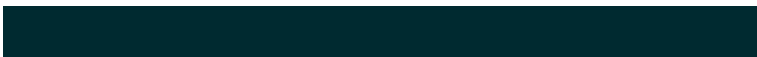
6492E2



656F70



0098B0



002A30

Inverse Universe

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



E264D1



FF54E8



E2B464



70656F



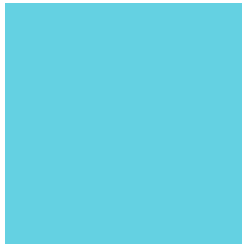
B00098



30002A

Previews

White Background



This preview shows how the Hex color 64D1E2 looks on a white background.

Color Contrast Check

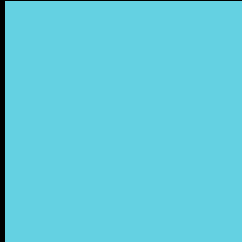
Large Text (above 18pt) WCAG AA × Fail

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 64D1E2 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 64D1E2 Background



This preview shows how black text looks on a background with the Hex color 64D1E2.

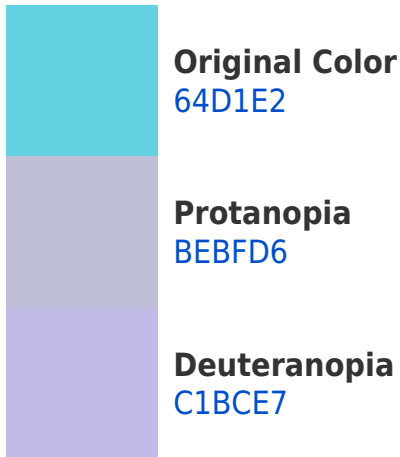


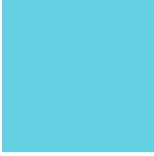
This preview shows how white text looks on a background with the Hex color 64D1E2.

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](#).

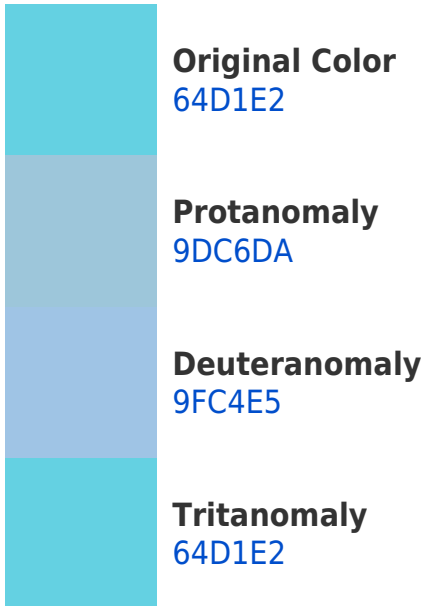
Dichromacy



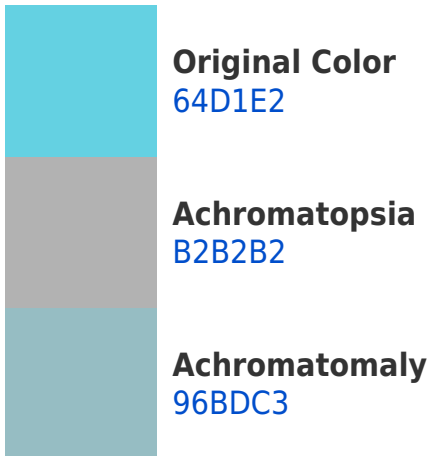


Tritanopia
64D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64D1E2 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 #64D1E2 looks like.

```
.text, #text, p{  
    color:#64D1E2  
}
```

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 #64D1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D1E2
}
```

Border

The CSS property to change the border of an element to Hex 64D1E2 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
#64D1E2 }
```

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

```
.border{ border-color:#64D1E2 }
```

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

Here you see how a box with a 4 pixel #64D1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D1E2; -webkit-box-shadow:4px 4px  
4px 4px #64D1E2; box-shadow:4px 4px 4px  
4px #64D1E2 }
```

Background

The CSS property to change the background color of an element to Hex 64D1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D1E2 }
```

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

```
.background{ background-color:#64D1E2 }
```

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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