

# Converting Colors

Hex(64D0DE)

Have a look what the booklet for  
Hex(64D0DE) contains.

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# **Color**

**Hex(64D0DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64D0DE
RGB	100, 208, 222
RGB Percent	39%, 82%, 87%
CMY	0.6078, 0.1843, 0.1294
CMYK	0.55, 0.06, 0.00, 0.13
HSL	187°, 65%, 63%
HSV	187°, 55%, 87%
XYZ	40.9962, 53.0950, 77.1949
YIQ	177.3040, -68.8620, -18.5420

# Conversions

## Conversions Part 2

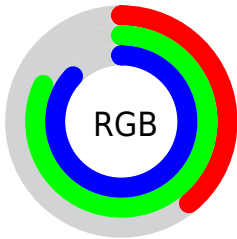
Format	Color
<a href="#">RYB</a>	100, 157, 222
Decimal	6607070
CIELab	77.93, -27.10, -16.39
CIELCh	78, 31.665, 211.163
Yxy	53.0950, 0.2393, 0.3100
Android (android.graphics.Color)	4284797150 (0xFF64D0DE)
YUV	177.3040, 22.0351, -67.7956
Hunter-Lab	72.8663, -27.0880, -11.8056

# Details

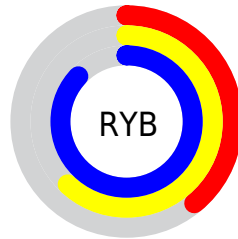
The Hex color **64D0DE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE7264**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A0FFFF**, and **1B99A7** is the 20% darker color. If you saturate the color by 10%, you get **4ECDDE**, and if you desaturate by 10%, it is **7AD3DE**.

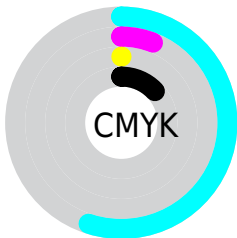
# Distribution



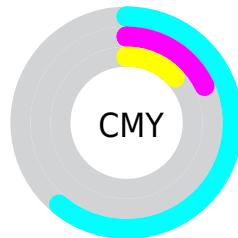
- Red (39%)
- Green (82%)
- Blue (87%)



- Red (39%)
- Yellow (62%)
- Blue (87%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (18%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64D0DE 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 64D0DE by changing the saturation by 10% instead.



 64D0DE

 64D0DE

FFFFFF

 44B4C2

 A0FFFF

 1B99A7

 BEFFFF

 007F8D

 DBFFFF

 006673

 FAFFFF

 004D5A

 003643

 00222D

 000119

 000000

 64D0DE

 64D0DE

 4ECDDE

 7AD3DE

 38CBDE

 90D5DE

 21C8DE

 A7D8DE

 0BC6DE

 BDDADE

 00C5DE

 D3DDDE

 E9DFDE

 FFE2DE

 FFE4DE

 FFE7DE

# Harmonies

## Analogous

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



74D1C1



64D0DE



75CBF3

# Triad

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



64D0DE



E7AFDD



D4BF86

# Complementary

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



64D0DE



DE7264

# 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.



EDB58E



64D0DE



F9ABC1

# Square

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



64D0DE



C6B9F3



FBADA4



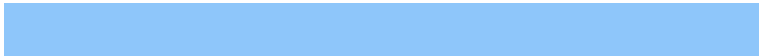
B5C88E

# Rectangle

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



64D0DE



8EC6FA



FBADA4



DEBC87

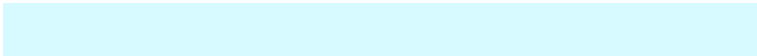


# Sweetspot

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



64D0DE



D6FAFF



64DE70



677D80



000000



808080

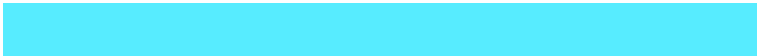


# Same Dimension

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



64D0DE



57ECFF



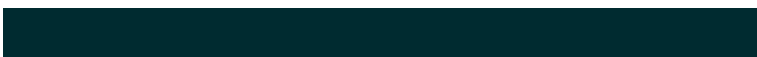
6495DE



656F70



009CB0



002B30



# Inverse Universe

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



DE64D0



FF57EC



DEAD64



70656F



B0009C

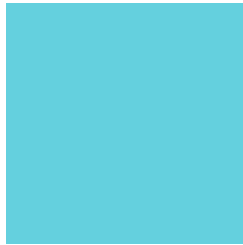


30002B



# Previews

## White Background



This preview shows how the Hex color 64D0DE looks on a white background.

## Color Contrast Check

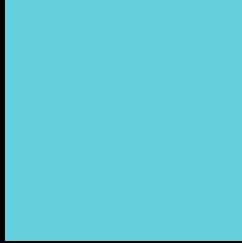
Large Text (above 18pt) WCAG AA × Fail

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 64D0DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

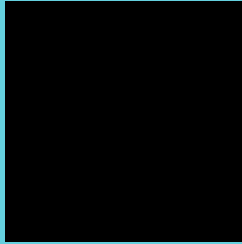
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64D0DE Background



This preview shows how black text looks on a background with the Hex color 64D0DE.

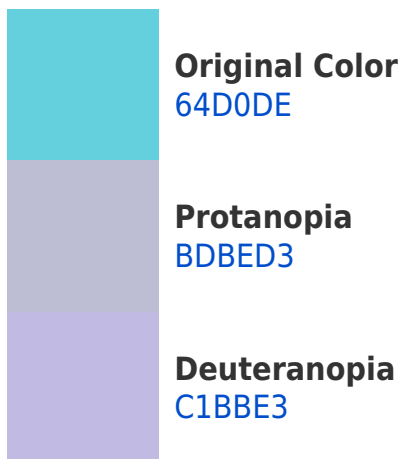


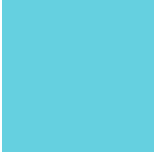
This preview shows how white text looks on a background with the Hex color 64D0DE.

# 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](#).

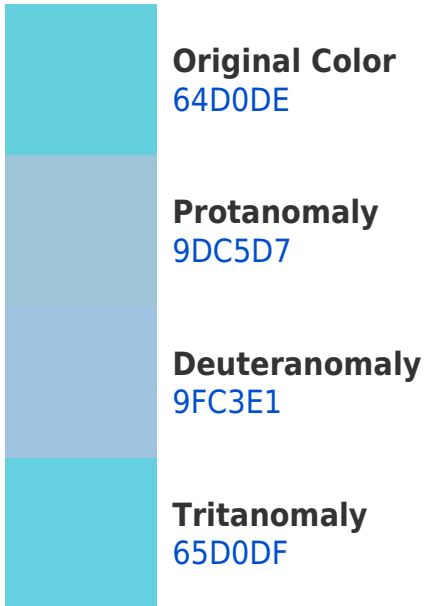
## Dichromacy



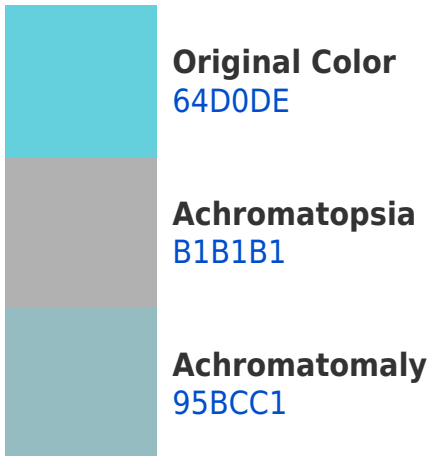


**Tritanopia**  
65D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64D0DE 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 #64D0DE looks like.

```
.text, #text, p{  
    color:#64D0DE  
}
```

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 #64D0DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D0DE
}
```

## Border

The CSS property to change the border of an element to Hex 64D0DE 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
#64D0DE }
```

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

```
.border{ border-color:#64D0DE }
```

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

Here you see how a box with a 4 pixel #64D0DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D0DE; -webkit-box-shadow:4px 4px  
4px 4px #64D0DE; box-shadow:4px 4px 4px  
4px #64D0DE }
```

# Background

The CSS property to change the background color of an element to Hex 64D0DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D0DE }
```

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

```
.background{ background-color:#64D0DE }
```

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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