

Converting Colors

Hex(64D4EE)

Have a look what the booklet for
Hex(64D4EE) contains.

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Color

Hex(64D4EE)

Conversions

Conversions Part 1

Format	Color
Hex	64D4EE
RGB	100, 212, 238
RGB Percent	39%, 83%, 93%
CMY	0.6078, 0.1686, 0.0667
CMYK	0.58, 0.11, 0.00, 0.07
HSL	191°, 80%, 66%
HSV	191°, 58%, 93%
XYZ	44.2316, 55.9693, 89.3608
YIQ	181.4760, -75.0980, -15.6580

Conversions

Conversions Part 2

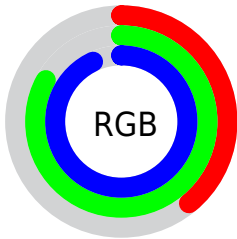
Format	Color
RYB	100, 162, 238
Decimal	6608110
CIELab	79.60, -24.59, -22.43
CIELCh	80, 33.281, 222.375
Yxy	55.9693, 0.2333, 0.2953
Android (android.graphics.Color)	4284798190 (0xFF64D4EE)
YUV	181.4760, 27.8663, -71.4545
Hunter-Lab	74.8127, -25.3873, -18.4508

Details

The Hex color **64D4EE** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **EE7E64**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A1FFFF**, and **139DB6** is the 20% darker color. If you saturate the color by 10%, you get **4CD0EE**, and if you desaturate by 10%, it is **7CD8EE**.

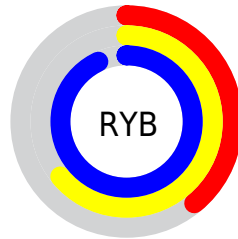
Distribution



Red (39%)

Green (83%)

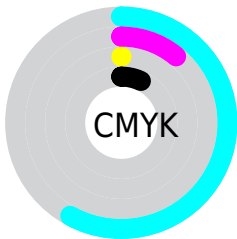
Blue (93%)



Red (39%)

Yellow (64%)

Blue (93%)

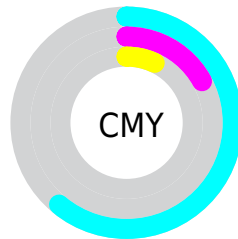


Cyan (58%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D4EE 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 64D4EE by changing the saturation by 10% instead.

 64D4EE

 64D4EE

FFFFFF

 42B8D2

 A1FFFF

 139DB6

 BFFFFFF

 00839B

 DEFFFF

 006981

 FCFFFF

 005168

 003A50

 002439

 000224

 00000B

■ 64D4EE

■ 64D4EE

■ 4CD0EE

■ 7CD8EE

■ 34CBEE

■ 94DDEE

■ 1DC7EE

■ ABE1EE

■ 05C2EE

■ C3E6EE

■ 00C1EE

■ DBEAEE

■ F3EFEE

■ FFF3EE

■ FFF8EE

■ FFFCEE

Harmonies

Analogous

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



69D6D1



64D4EE



82CEFF

Triad

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



64D4EE



F7B0D9



CEC788

Complementary

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



64D4EE



EE7E64

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.



EBBD8B



64D4EE



FFAEB9

Square

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



64D4EE



DAB9F3



FEB39D



ACD097

Rectangle

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



64D4EE



A0C7FF



FEB39D



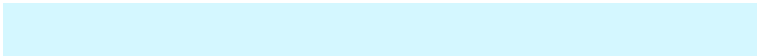
D9C487

Sweetspot

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



64D4EE



D4F7FF



64EE7D



667B80



000000



808080

Same Dimension

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



64D4EE



4DDDFE



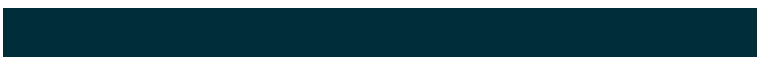
6490EE



6C7678



0095B8



002E38

Inverse Universe

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



EE64D4



FF4DDD



EEC264



786C76



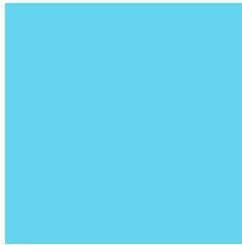
B80095



38002E

Previews

White Background



This preview shows how the Hex color 64D4EE looks on a white background.

Color Contrast Check

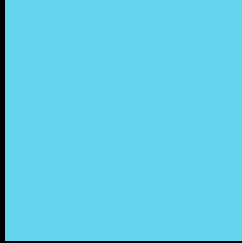
Large Text (above 18pt) WCAG AA × Fail

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 64D4EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

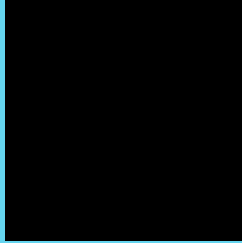
Any Text WCAG AA ✓ Pass

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 64D4EE Background



This preview shows how black text looks on a background with the Hex color 64D4EE.

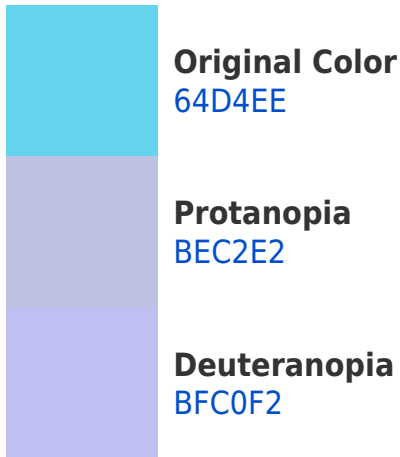


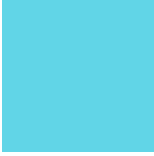
This preview shows how white text looks on a background with the Hex color 64D4EE.

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](#).

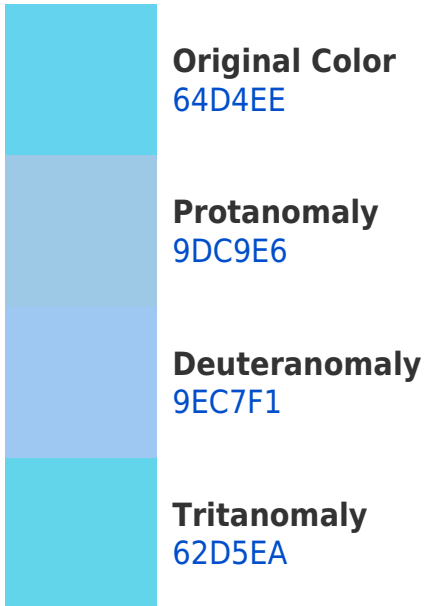
Dichromacy



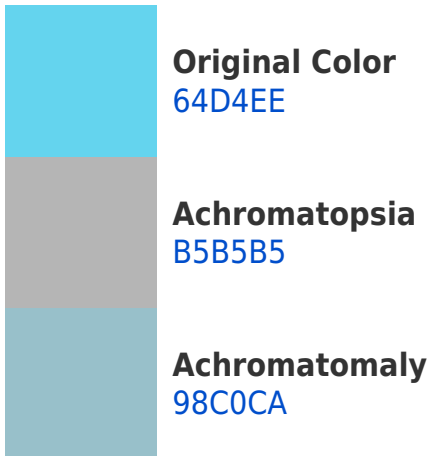


Tritanopia
61D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64D4EE 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 #64D4EE looks like.

```
.text, #text, p{  
    color:#64D4EE  
}
```

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 #64D4EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D4EE
}
```

Border

The CSS property to change the border of an element to Hex 64D4EE 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
#64D4EE }
```

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

```
.border{ border-color:#64D4EE }
```

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

Here you see how a box with a 4 pixel #64D4EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D4EE; -webkit-box-shadow:4px 4px  
4px 4px #64D4EE; box-shadow:4px 4px 4px  
4px #64D4EE }
```

Background

The CSS property to change the background color of an element to Hex 64D4EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D4EE }
```

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

```
.background{ background-color:#64D4EE }
```

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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