

Converting Colors

Hex(3FDDE5)

Have a look what the booklet for
Hex(3FDDE5) contains.

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Color

Hex(3FDDE5)

Conversions

Conversions Part 1

Format	Color
Hex	3FDDE5
RGB	63, 221, 229
RGB Percent	25%, 87%, 90%
CMY	0.7529, 0.1333, 0.1020
CMYK	0.72, 0.03, 0.00, 0.10
HSL	183°, 76%, 57%
HSV	183°, 72%, 90%
XYZ	42.0492, 58.4268, 83.1900
YIQ	174.6700, -96.7360, -31.0080

Conversions

Conversions Part 2

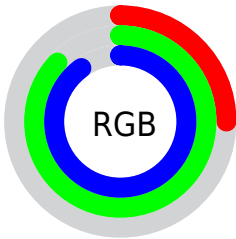
Format	Color
RYB	63, 144, 229
Decimal	4185573
CIELab	80.98, -37.01, -15.64
CIELCh	81, 40.180, 202.907
Yxy	58.4268, 0.2289, 0.3181
Android (android.graphics.Color)	4282375653 (0xFF3FDDE5)
YUV	174.6700, 26.7847, -97.9346
Hunter-Lab	76.4374, -35.5704, -11.0216

Details

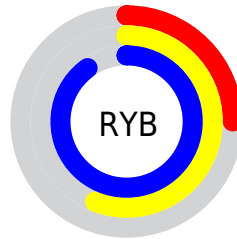
The Hex color **3FDDE5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E5473F**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **86FFFF**, and **00A5AE** is the 20% darker color. If you saturate the color by 10%, you get **28DCE5**, and if you desaturate by 10%, it is **56DEE5**.

Distribution



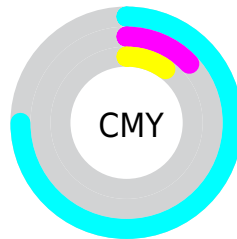
- Red (25%)
- Green (87%)
- Blue (90%)



- Red (25%)
- Yellow (56%)
- Blue (90%)



- Cyan (72%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (75%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FDDE5 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 3FDDE5 by changing the saturation by 10% instead.

 3FDDE5

 3FDDE5

FFFFFF

 00C1C9

 86FFFF

 00A5AE

 A6FFFF

 008B93

 C6FFFF

 007179

 E5FFFF

 005760

 003F49

 002932

 00081E


 000000

 3FDDE5

 3FDDE5

 28DCE5

 56DEE5

 11DBE5

 6DDFE5

 00DAE5

 84E0E5

 9BE1E5

 B2E3E5

 C8E4E5

 DFE5E5

 F6E6E5

 FFE7E5

Harmonies

Analogous

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



6ADDBF



3FDDE5



4BD9FF

Triad

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



3FDDE5



F0B5F7



EAC47E

Complementary

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



3FDDE5



E5473F

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.



FFB78E



3FDDE5



FFADD4

Square

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



3FDDE5



C1C3FF



FFAEAE



C5D083

Rectangle

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



3FDDE5



70D3FF



FFAEAE



F5BF82

Sweetspot

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



3FDDE5



C7FCFF



3FE545



5E7E80



000000



808080

Same Dimension

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



3FDDE5



21F4FF



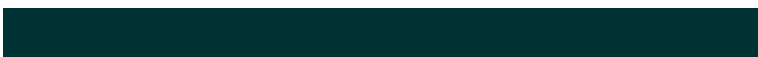
3F8CE5



677273



00AAB3



003133

Inverse Universe

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



E53FDD



FF21F4



E5983F



736772



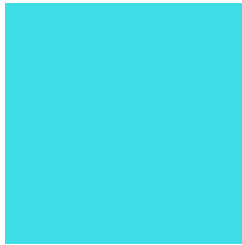
B300AA



330031

Previews

White Background



This preview shows how the Hex color 3FDDE5 looks on a white background.

Color Contrast Check

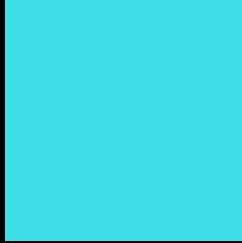
Large Text (above 18pt) WCAG AA × Fail

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 3FDDE5 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

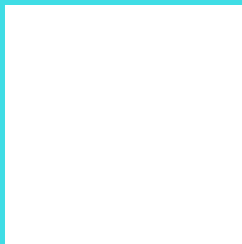
Any Text WCAG AAA ✓ Pass

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

Hex 3FDDE5 Background



This preview shows how black text looks on a background with the Hex color 3FDDE5.

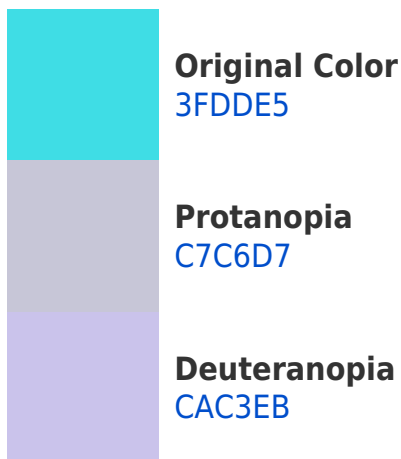


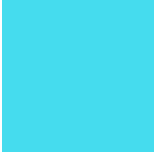
This preview shows how white text looks on a background with the Hex color 3FDDE5.

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
45DCEE

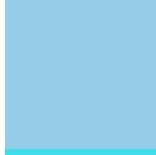
Trichromacy



Original Color
3FDDE5



Protanomaly
96CEDC



Deuteranomaly
97CCE9

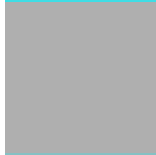


Tritanomaly
43DCEB

Monochromacy



Original Color
3FDDE5



Achromatopsia
AFAFAF



Achromatomaly
86C0C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FDDE5 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 #3FDDE5 looks like.

```
.text, #text, p{  
    color:#3FDDE5  
}
```

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 #3FDDE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FDDE5
}
```

Border

The CSS property to change the border of an element to Hex 3FDDE5 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
#3FDDE5 }
```

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

```
.border{ border-color:#3FDDE5 }
```

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

Here you see how a box with a 4 pixel #3FDDE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FDDE5; -webkit-box-shadow:4px 4px  
4px 4px #3FDDE5; box-shadow:4px 4px 4px  
4px #3FDDE5 }
```

Background

The CSS property to change the background color of an element to Hex 3FDDE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FDDE5 }
```

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

```
.background{ background-color:#3FDDE5 }
```

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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