

Converting Colors

Hex(45DF7E)

Have a look what the booklet for
Hex(45DF7E) contains.

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Color

Hex(45DF7E)

Conversions

Conversions Part 1

Format	Color
Hex	45DF7E
RGB	69, 223, 126
RGB Percent	27%, 87%, 49%
CMY	0.7294, 0.1255, 0.5059
CMYK	0.69, 0.00, 0.43, 0.13
HSL	142°, 71%, 57%
HSV	142°, 69%, 87%
XYZ	32.6078, 55.5469, 28.7417
YIQ	165.8960, -60.6470, -62.8150

Conversions

Conversions Part 2

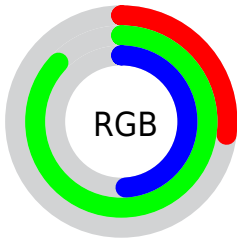
Format	Color
RYB	69, 181, 223
Decimal	4579198
CIELab	79.36, -60.99, 36.11
CIELCh	79, 70.878, 149.372
Yxy	55.5469, 0.2789, 0.4752
Android (android.graphics.Color)	4282769278 (0xFF45DF7E)
YUV	165.8960, -19.6687, -84.9778
Hunter-Lab	74.5298, -52.3310, 29.3063

Details

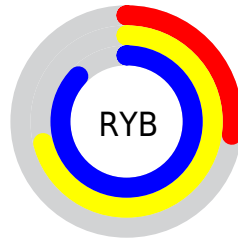
The Hex color **45DF7E** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DF45A6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **87FFB4**, and **00A64B** is the 20% darker color. If you saturate the color by 10%, you get **2FDF70**, and if you desaturate by 10%, it is **5BDF8C**.

Distribution



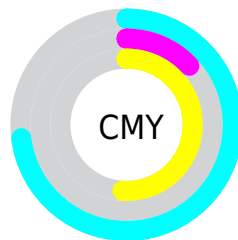
- Red (27%)
- Green (87%)
- Blue (49%)



- Red (27%)
- Yellow (71%)
- Blue (87%)



- Cyan (69%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (73%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45DF7E 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 45DF7E by changing the saturation by 10% instead.

 45DF7E

 45DF7E

FFFFFF

 14C264

 87FFB4

 00A64B

 A5FFD0

 008B33

 C4FFEC

 00711A

 E2FFFF

 005700

 003E00

 002600

 000000

 45DF7E

 45DF7E

 2FDF70

 5BDF8C

 18DF62

 72DF9A

 02DF54

 88DFA8

 00DF53

 9EDFB6

 B4DFC4

 CBDFD2

 E1DFE0

 F7DFEE

 FFDFFC

Harmonies

Analogous

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



A7D448



45DF7E



00E4C1

Triad

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



45DF7E



00CCFF



FF8F88

Complementary

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



45DF7E



DF45A6

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.



FF87C9



45DF7E



C3B4FF

Square

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



45DF7E



00DCFF



FF98FF



FFA852

Rectangle

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



45DF7E



00E4EE



FF98FF



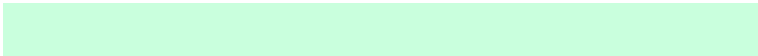
FF8A9D

Sweetspot

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



45DF7E



C9FFDD



A7DF45



60806B



000000



808080

Same Dimension

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



45DF7E



2BFF7A



45DFCA



657069



00B041



003012

Inverse Universe

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



DF45A6



FF2BB1



DF455A



70656C



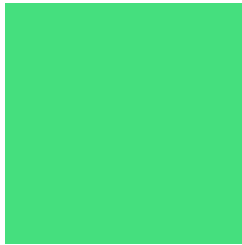
B0006F



30001F

Previews

White Background



This preview shows how the Hex color 45DF7E 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 45DF7E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

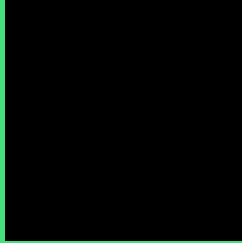
Any Text WCAG AA ✓ Pass

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 45DF7E Background



This preview shows how black text looks on a background with the Hex color 45DF7E.

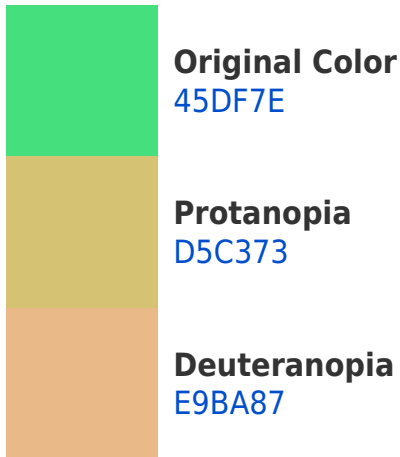


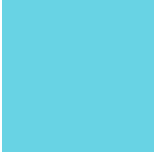
This preview shows how white text looks on a background with the Hex color 45DF7E.

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
68D3E4

Trichromacy



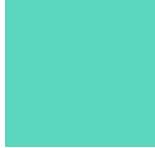
Original Color
45DF7E



Protanomaly
A1CD77



Deuteranomaly
ADC784



Tritanomaly
5BD7BF

Monochromacy



Original Color
45DF7E



Achromatopsia
A6A6A6



Achromatomaly
83BB97

CSS Examples

Text

The CSS property to change the color of the text to Hex 45DF7E 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 #45DF7E looks like.

```
.text, #text, p{  
    color:#45DF7E  
}
```

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 #45DF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DF7E
}
```

Border

The CSS property to change the border of an element to Hex 45DF7E 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
#45DF7E }
```

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

```
.border{ border-color:#45DF7E }
```

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

Here you see how a box with a 4 pixel #45DF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DF7E; -webkit-box-shadow:4px 4px  
4px 4px #45DF7E; box-shadow:4px 4px 4px  
4px #45DF7E }
```

Background

The CSS property to change the background color of an element to Hex 45DF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DF7E }
```

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

```
.background{ background-color:#45DF7E }
```

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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