

# Converting Colors

Hex(45DFE7)

Have a look what the booklet for  
Hex(45DFE7) contains.

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# **Color**

**Hex(45DFE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45DFE7
RGB	69, 223, 231
RGB Percent	27%, 87%, 91%
CMY	0.7294, 0.1255, 0.0941
CMYK	0.70, 0.03, 0.00, 0.09
HSL	183°, 77%, 59%
HSV	183°, 70%, 91%
XYZ	43.2657, 59.8101, 84.8655
YIQ	177.8660, -94.3520, -30.1600

# Conversions

## Conversions Part 2

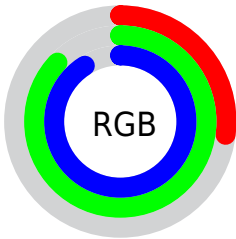
Format	Color
<a href="#">RYB</a>	<a href="#">69, 148, 231</a>
Decimal	<a href="#">4579303</a>
CIELab	<a href="#">81.73, -36.65, -15.55</a>
CIELCh	<a href="#">82, 39.807, 202.992</a>
Yxy	<a href="#">59.8101, 0.2302, 0.3182</a>
Android (android.graphics.Color)	<a href="#">4282769383</a> ( <a href="#">0xFF45DFE7</a> )
YUV	<a href="#">177.8660, 26.1951, -95.4755</a>
Hunter-Lab	<a href="#">77.3370, -35.4789, -10.9258</a>

# Details

The Hex color **45DFE7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E74D45**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **8BFFFF**, and **00A7AF** is the 20% darker color. If you saturate the color by 10%, you get **2EDEE7**, and if you desaturate by 10%, it is **5CE0E7**.

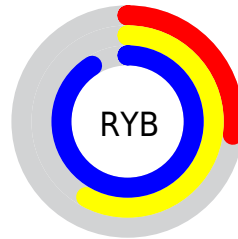
# Distribution



Red (27%)

Green (87%)

Blue (91%)



Red (27%)

Yellow (58%)

Blue (91%)

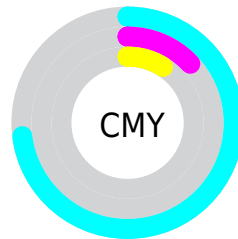


Cyan (70%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (13%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 45DFE7 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 45DFE7 by changing the saturation by 10% instead.



 45DFE7

 45DFE7

FFFFFF

 05C3CB

 8BFFFF

 00A7AF

 AAFFFF

 008C95

 C9FFFF

 00727B

 E9FFFF

 005962

 00414A

 002B34

 000D1F

 000003

 45DFE7

 45DFE7

 2EDEE7

 5CE0E7

 17DDE7

 73E1E7

 00DCE7

 8AE2E7

 A1E4E7

 B9E5E7

 D0E6E7

 E7E7E7

 FEE8E7

 FFE9E7

# Harmonies

## Analogous

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



6DDFC1



45DFE7



50DBFF

# Triad

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



45DFE7



F2B8F9



ECC681

# Complementary

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



45DFE7



E74D45

# 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.



FFB991



45DFE7



FFAFD6

# Square

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



45DFE7



C3C5FF



FFB0B0



C7D285

# Rectangle

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



45DFE7



74D5FF



FFB0B0



F7C284



# Sweetspot

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



45DFE7



C9FCFF



45E74A



607E80



000000



808080



# Same Dimension

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



45DFE7



29F4FF



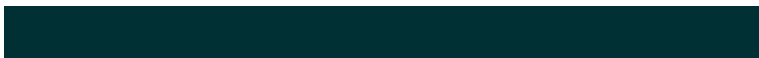
4591E7



677273



00AAB3



003033



# Inverse Universe

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



E745DF



FF29F4



E79B45



736772



B300AA

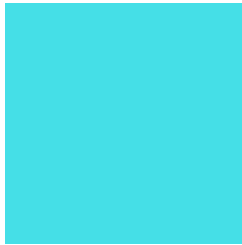


330030



# Previews

## White Background



This preview shows how the Hex color 45DFE7 looks on a white background.

## Color Contrast Check

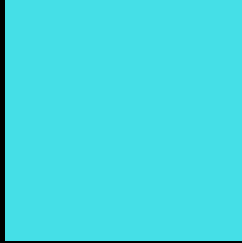
Large Text (above 18pt) WCAG AA × Fail

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 45DFE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

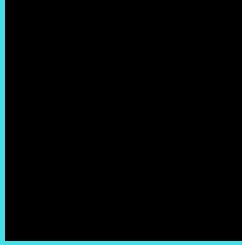
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 45DFE7 Background



This preview shows how black text looks on a background with the Hex color 45DFE7.

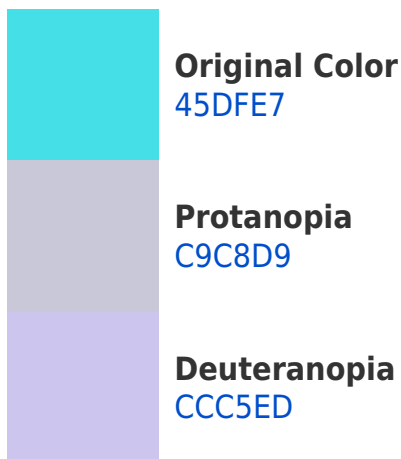


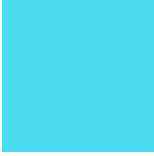
This preview shows how white text looks on a background with the Hex color 45DFE7.

# 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](#).

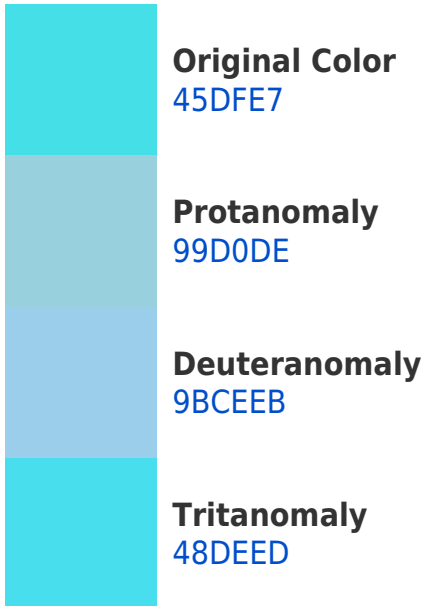
## Dichromacy



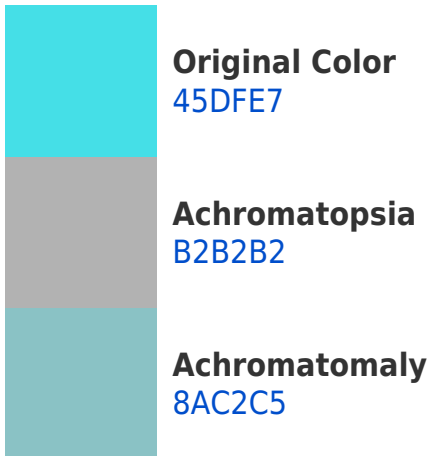


**Tritanopia**  
4ADEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 45DFE7 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 #45DFE7 looks like.

```
.text, #text, p{  
    color:#45DFE7  
}
```

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 #45DFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45DFE7
}
```

## Border

The CSS property to change the border of an element to Hex 45DFE7 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
#45DFE7 }
```

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

```
.border{ border-color:#45DFE7 }
```

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

Here you see how a box with a 4 pixel #45DFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45DFE7; -webkit-box-shadow:4px 4px  
4px 4px #45DFE7; box-shadow:4px 4px 4px  
4px #45DFE7 }
```

# Background

The CSS property to change the background color of an element to Hex 45DFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45DFE7 }
```

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

```
.background{ background-color:#45DFE7 }
```

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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