

# Converting Colors

Hex(73D396)

Have a look what the booklet for  
Hex(73D396) contains.

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**Color**

**Hex(73D396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73D396
RGB	115, 211, 150
RGB Percent	45%, 83%, 59%
CMY	0.5490, 0.1725, 0.4118
CMYK	0.45, 0.00, 0.29, 0.17
HSL	142°, 52%, 64%
HSV	142°, 45%, 83%
XYZ	35.8695, 52.4354, 37.0847
YIQ	175.3420, -37.6350, -39.3230

# Conversions

## Conversions Part 2

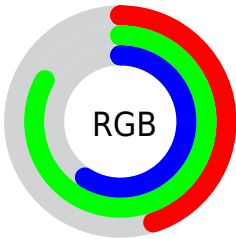
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 185, 211</a>
Decimal	<a href="#">7590806</a>
CIELab	<a href="#">77.54, -41.87, 21.61</a>
CIELCh	<a href="#">78, 47.112, 152.704</a>
Yxy	<a href="#">52.4354, 0.2861, 0.4182</a>
Android (android.graphics.Color)	<a href="#">4285780886 (0xFF73D396)</a>
YUV	<a href="#">175.3420, -12.4936, -52.9199</a>
Hunter-Lab	<a href="#">72.4123, -38.3013, 20.3243</a>

# Details

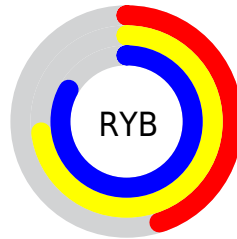
The Hex color **73D396** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D373B0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ABFFCC**, and **3A9C63** is the 20% darker color. If you saturate the color by 10%, you get **5ED389**, and if you desaturate by 10%, it is **88D3A3**.

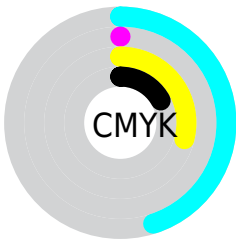
# Distribution



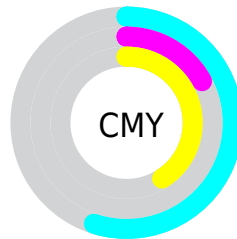
- Red (45%)
- Green (83%)
- Blue (59%)



- Red (45%)
- Yellow (73%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73D396 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 73D396 by changing the saturation by 10% instead.



 73D396

 73D396

FFFFFF

 57B77C

 ABFFCC

 3A9C63

 C8FFE9

 18814B

 E5FFFF

 006733

 004F1D

 003706

 002200

 000000

 73D396

 73D396

 5ED389

 88D3A3

 49D37B

 9DD3B1

 34D36E

 B2D3BE

 1FD360

 C7D3CC

 09D353

 DCD3D9

 00D34D

 F2D3E6

 FFD3F4

 FFD3FF

# Harmonies

## Analogous

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



AACB74



73D396



1AD6C2

# Triad

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



73D396



82C3FF



FFA193

# Complementary

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



73D396



D373B0

# 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.



FF9CBD



73D396



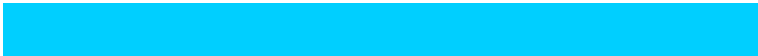
C9B3FF

# Square

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



73D396



00CFFF



F9A3E8



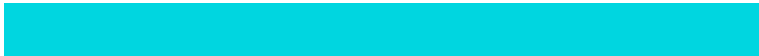
FBAF73

# Rectangle

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



73D396



00D6E0



F9A3E8



FF9EA0

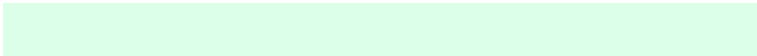


# Sweetspot

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



73D396



DBFFE8



B1D373



6A8072



000000



808080



# Same Dimension

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



73D396



73FFA6



73D3C5



5E6962



00A83D



00290F



# Inverse Universe

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



D373B0



FF73CC



D37381



695E65



A8006B



29001A



# Previews

## White Background



This preview shows how the Hex color 73D396 looks on a white background.

## Color Contrast Check

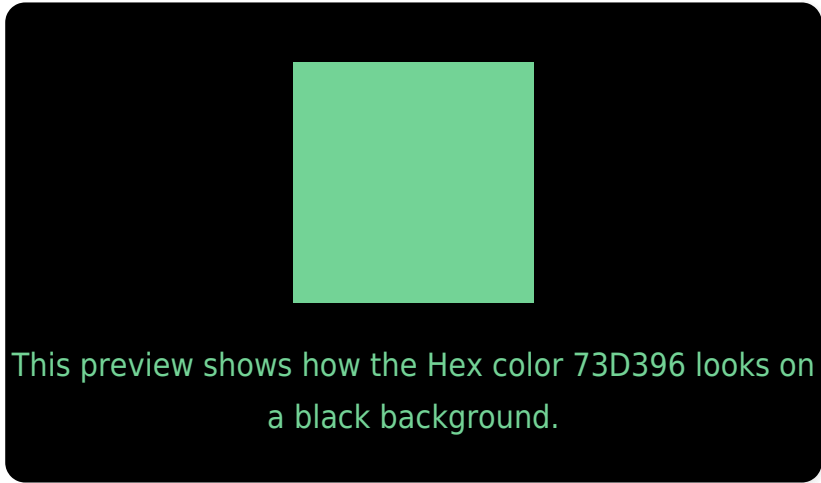
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

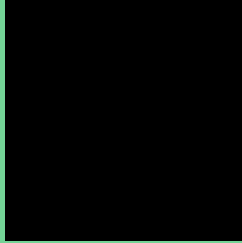
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73D396 Background



This preview shows how black text looks on a background with the Hex color 73D396.

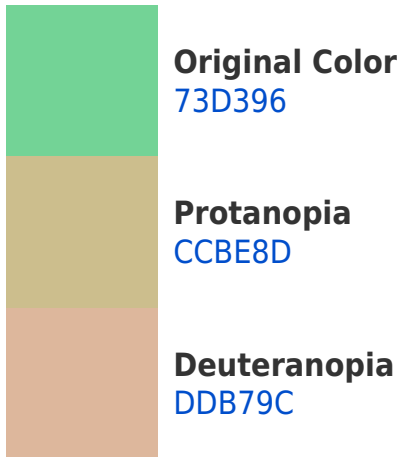


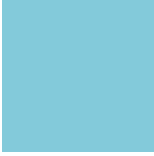
This preview shows how white text looks on a background with the Hex color 73D396.

# 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





# Trichromacy



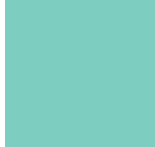
**Original Color**  
73D396



**Protanomaly**  
ACC690



**Deuteranomaly**  
B6C19A



**Tritanomaly**  
7DCDC1

# Monochromacy



**Original Color**  
73D396



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
99BCA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73D396 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 #73D396 looks like.

```
.text, #text, p{  
    color:#73D396  
}
```

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 #73D396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73D396
}
```

## Border

The CSS property to change the border of an element to Hex 73D396 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
#73D396 }
```

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

```
.border{ border-color:#73D396 }
```

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

Here you see how a box with a 4 pixel #73D396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73D396; -webkit-box-shadow:4px 4px  
4px 4px #73D396; box-shadow:4px 4px 4px  
4px #73D396 }
```

# Background

The CSS property to change the background color of an element to Hex 73D396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73D396 }
```

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

```
.background{ background-color:#73D396 }
```

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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