

Converting Colors

Hex(0DBF73)

Have a look what the booklet for
Hex(0DBF73) contains.

Hex(0DBF73)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0DBF73)

Conversions

Conversions Part 1

Format	Color
Hex	0DBF73
RGB	13, 191, 115
RGB Percent	5%, 75%, 45%
CMY	0.9490, 0.2510, 0.5490
CMYK	0.93, 0.00, 0.40, 0.25
HSL	154°, 87%, 40%
HSV	154°, 93%, 75%
XYZ	21.8913, 38.5850, 22.5135
YIQ	129.1140, -81.6920, -61.3720

Conversions

Conversions Part 2

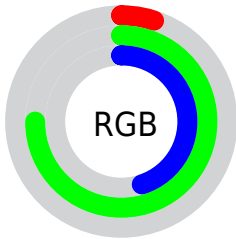
Format	Color
RYB	13, 126, 191
Decimal	900979
CIELab	68.45, -57.52, 27.34
CIElCh	68, 63.684, 154.579
Yxy	38.5850, 0.2638, 0.4649
Android (android.graphics.Color)	4279091059 (0xFF0DBF73)
YUV	129.1140, -6.9582, -101.8320
Hunter-Lab	62.1168, -45.7972, 21.9928

Details

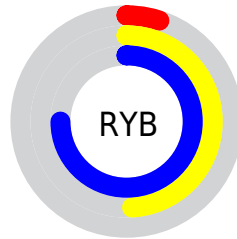
The Hex color **0DBF73** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF0D59**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **64F9A8**, and **008842** is the 20% darker color. If you saturate the color by 10%, you get **00BF6D**, and if you desaturate by 10%, it is **20BF7B**.

Distribution



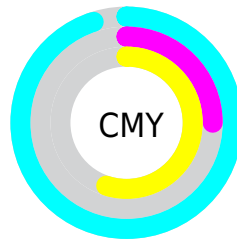
- Red (5%)
- Green (75%)
- Blue (45%)



- Red (5%)
- Yellow (49%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (40%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DBF73 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 0DBF73 by changing the saturation by 10% instead.

 0DBF73

 0DBF73

FFFFFF

 00A35A

 64F9A8

 008842

 84FFC3

 006E2A

 A2FFDF

 005414

 C1FFFC

 003B00

 DFFFFFF

 002400

FEFFFF

 000000

 0DBF73

 0DBF73

 00BF6D

 20BF7B

 33BF83

 46BF8B

 59BF94

 6DBF9C

 80BFA4

 93BFAC

 A6BFB4

 B9BFBC

Harmonies

Analogous

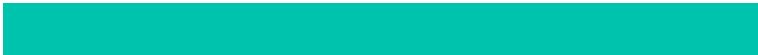
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81B641



0DBF73



00C3AE

Triad

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



0DBF73



2CABFF



FF7B69

Complementary

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



0DBF73



BF0D59

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.



FF71A0



0DBF73



B494FF

Square

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



0DBF73



00BAFF



F47CD9



EC923C

Rectangle

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



0DBF73



00C2D5



F47CD9



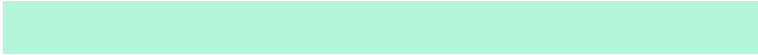
FF767A

Sweetspot

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



0DBF73



B2F7DA



5ABF0D



527D6B



FCFCFC



7D7D7D

Same Dimension

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



0DBF73



00F78E



0DB3BF



555E5A



009E5B



001F12

Inverse Universe

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



BF0D59



F7006A



BF190D



5E5559



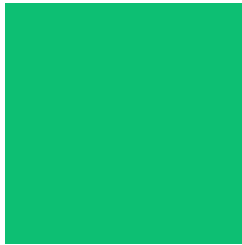
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 0DBF73 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 0DBF73 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 0DBF73 Background



This preview shows how black text looks on a background with the Hex color 0DBF73.



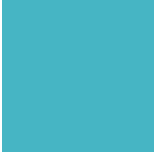
This preview shows how white text looks on a background with the Hex color 0DBF73.

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
46B5C4

Trichromacy



Original Color
0DBF73



Protanomaly
77AF6D



Deuteranomaly
81AB78



Tritanomaly
31B9A7

Monochromacy



Original Color
0DBF73



Achromatopsia
818181



Achromatomaly
57987C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DBF73 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 #0DBF73 looks like.

```
.text, #text, p{  
    color:#0DBF73  
}
```

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 #0DBF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DBF73
}
```

Border

The CSS property to change the border of an element to Hex 0DBF73 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
#0DBF73 }
```

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

```
.border{ border-color:#0DBF73 }
```

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

Here you see how a box with a 4 pixel #0DBF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DBF73; -webkit-box-shadow:4px 4px  
4px 4px #0DBF73; box-shadow:4px 4px 4px  
4px #0DBF73 }
```

Background

The CSS property to change the background color of an element to Hex 0DBF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DBF73 }
```

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

```
.background{ background-color:#0DBF73 }
```

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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