

# Converting Colors

Hex(0DB092)

Have a look what the booklet for  
Hex(0DB092) contains.

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**Color**

**Hex(0DB092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DB092
RGB	13, 176, 146
RGB Percent	5%, 69%, 57%
CMY	0.9490, 0.3098, 0.4275
CMYK	0.93, 0.00, 0.17, 0.31
HSL	169°, 86%, 37%
HSV	169°, 93%, 69%
XYZ	20.8796, 33.2116, 32.5041
YIQ	123.8430, -87.5180, -43.8860

# Conversions

## Conversions Part 2

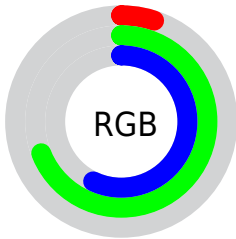
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 103, 176
Decimal	897170
CIELab	64.33, -44.57, 4.84
CIELCh	64, 44.827, 173.806
Yxy	33.2116, 0.2411, 0.3835
Android (android.graphics.Color)	4279087250 (0xFF0DB092)
YUV	123.8430, 10.9234, -97.2093
Hunter-Lab	57.6295, -36.1796, 6.8999

# Details

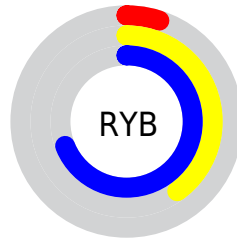
The Hex color **0DB092** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B00D2B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62E8C8**, and **007A60** is the 20% darker color. If you saturate the color by 10%, you get **00B090**, and if you desaturate by 10%, it is **1FB095**.

# Distribution



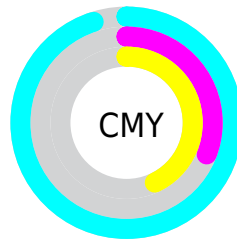
- Red (5%)
- Green (69%)
- Blue (57%)



- Red (5%)
- Yellow (40%)
- Blue (69%)



- Cyan (93%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (95%)
- Magenta (31%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DB092 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 0DB092 by changing the saturation by 10% instead.



 0DB092

 0DB092

FFFFFF

 009578

 62E8C8

 007A60

 81FFE4

 006148

 9FFFFFF

 004832

 BDFFFF

 00301D

 DBFFF

 001803

 F9FFF

 000000

 0DB092

 0DB092

 00B090

 1FB095

 30B098

 42B09C

 53B09F

 65B0A2

 77B0A5

 88B0A9

 9AB0AC

 ABB0AF

# Harmonies

## Analogous

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



64AC6B



0DB092



00B0BB

# Triad

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



0DB092



9295E5



D9885D

# Complementary

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



0DB092



B00D2B

# 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.



E77D7E



0DB092



C685CC

# Square

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



0DB092



42A3EB



E27CA6



BB974B

# Rectangle

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



0DB092



00AED2



E27CA6



E08466



# Sweetspot

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



0DB092



A5E6DA



2EB00D



4C736C



F2F2F2



737373



# Same Dimension

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



0DB092



00E6BB



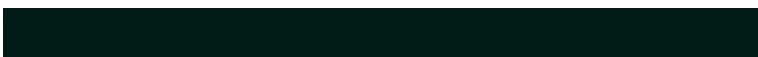
0D7FB0



505958



00997D



001A15



# Inverse Universe

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



B00D2B



E6002A



B03E0D



595052



99001C

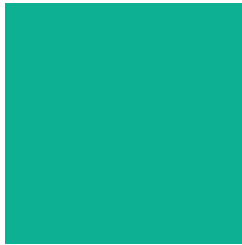


1A0005



# Previews

## White Background



This preview shows how the Hex color 0DB092 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 0DB092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

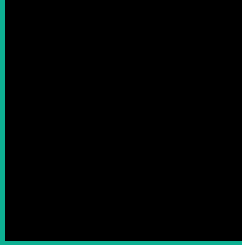
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0DB092 Background



This preview shows how black text looks on a background with the Hex color 0DB092.

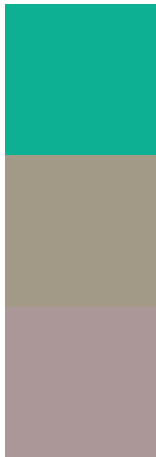


This preview shows how white text looks on a background with the Hex color 0DB092.

# 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



**Original Color**  
0DB092

**Protanopia**  
A29A87

**Deuteranopia**  
AB9698



**Tritanopia**  
34ABB9

# Trichromacy



**Original Color**  
0DB092



**Protanomaly**  
6CA28B



**Deuteranomaly**  
729F96



**Tritanomaly**  
26ADAB

# Monochromacy



**Original Color**  
0DB092



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
548F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DB092 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 #0DB092 looks like.

```
.text, #text, p{  
    color:#0DB092  
}
```

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 #0DB092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DB092
}
```

## Border

The CSS property to change the border of an element to Hex 0DB092 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
#0DB092 }
```

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

```
.border{ border-color:#0DB092 }
```

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

Here you see how a box with a 4 pixel #0DB092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DB092; -webkit-box-shadow:4px 4px  
4px 4px #0DB092; box-shadow:4px 4px 4px  
4px #0DB092 }
```

# Background

The CSS property to change the background color of an element to Hex 0DB092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DB092 }
```

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

```
.background{ background-color:#0DB092 }
```

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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