

# Converting Colors

Hex(73DB92)

Have a look what the booklet for  
Hex(73DB92) contains.

<b>Hex(73DB92)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(73DB92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73DB92
RGB	115, 219, 146
RGB Percent	45%, 86%, 57%
CMY	0.5490, 0.1412, 0.4275
CMYK	0.47, 0.00, 0.33, 0.14
HSL	138°, 59%, 65%
HSV	138°, 47%, 86%
XYZ	37.5901, 56.3832, 36.0960
YIQ	179.5820, -38.5510, -44.7510

# Conversions

## Conversions Part 2

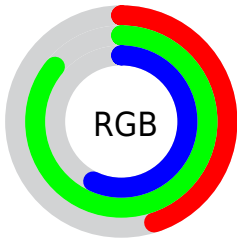
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 195, 219</a>
Decimal	<a href="#">7592850</a>
CIELab	<a href="#">79.83, -46.05, 26.81</a>
CIELCh	<a href="#">80, 53.287, 149.797</a>
Yxy	<a href="#">56.3832, 0.2890, 0.4335</a>
Android (android.graphics.Color)	<a href="#">4285782930 (0xFF73DB92)</a>
YUV	<a href="#">179.5820, -16.5559, -56.6384</a>
Hunter-Lab	<a href="#">75.0887, -42.0467, 24.0608</a>

# Details

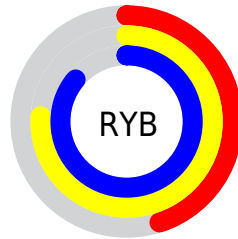
The Hex color **73DB92** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB73BC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ACFFC8**, and **38A35F** is the 20% darker color. If you saturate the color by 10%, you get **5DDB83**, and if you desaturate by 10%, it is **89DBA1**.

# Distribution



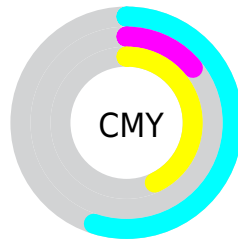
- Red (45%)
- Green (86%)
- Blue (57%)



- Red (45%)
- Yellow (76%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (33%)
- Black (14%)



- Cyan (55%)
- Magenta (14%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73DB92 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 73DB92 by changing the saturation by 10% instead.



 73DB92

 73DB92

FFFFFF

 56BF78


 ACFFC8

 38A35F

 C9FFE5

 118847

 E6FFFF

 006E2F

 005518

 003D00

 002700

 000000

 73DB92

 73DB92

 5DDB83

 89DBA1

 47DB73

 9FDBB1

 31DB64

 B5DBC0

 1BDB55

 CBDBCF

 06DB45

 E1DBDF

 00DB41

 F6DBEE

 FFDBFE

 FFDBFF

# Harmonies

## Analogous

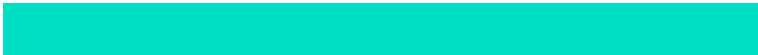
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2D26D



73DB92



00DFC4

# Triad

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



73DB92



6FCBFF



FFA197

# Complementary

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



73DB92



DB73BC

# 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.



FF9DC8



73DB92



C9B9FF

# Square

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



73DB92



00D8FF



FFA7F9



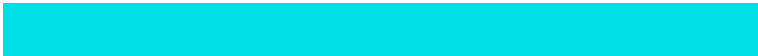
FFB171

# Rectangle

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



73DB92



00DFE6



FFA7F9



FF9EA7

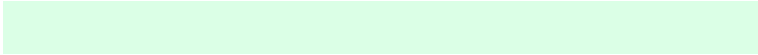


# Sweetspot

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



73DB92



DBFFE6



BEDB73



6A8070



000000



808080



# Same Dimension

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



73DB92



6EFF99



73DBC4



636E66



00AD34



002E0E



# Inverse Universe

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



DB73BC



FF6ED4



DB738A



6E636A



AD007A



2E0020



# Previews

## White Background



This preview shows how the Hex color 73DB92 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 73DB92 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

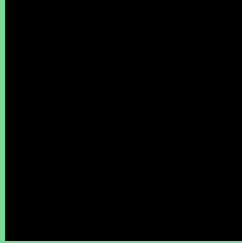
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73DB92 Background



This preview shows how black text looks on a background with the Hex color 73DB92.

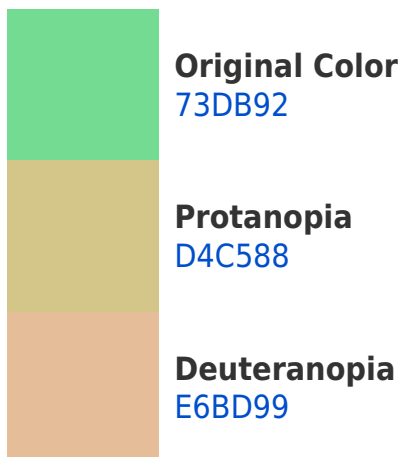


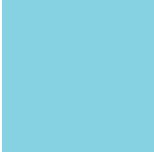
This preview shows how white text looks on a background with the Hex color 73DB92.

# 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**  
86D1E2

# Trichromacy



**Original Color**  
73DB92



**Protanomaly**  
B1CD8C



**Deuteranomaly**  
BCC896



**Tritanomaly**  
7FD5C5

# Monochromacy



**Original Color**  
73DB92



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
9CC2A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73DB92 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 #73DB92 looks like.

```
.text, #text, p{  
    color:#73DB92  
}
```

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 #73DB92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73DB92
}
```

## Border

The CSS property to change the border of an element to Hex 73DB92 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
#73DB92 }
```

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

```
.border{ border-color:#73DB92 }
```

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

Here you see how a box with a 4 pixel #73DB92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73DB92; -webkit-box-shadow:4px 4px  
4px 4px #73DB92; box-shadow:4px 4px 4px  
4px #73DB92 }
```

# Background

The CSS property to change the background color of an element to Hex 73DB92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73DB92 }
```

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

```
.background{ background-color:#73DB92 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor