

Converting Colors

Hex(69D792)

Have a look what the booklet for
Hex(69D792) contains.

Hex(69D792)	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(69D792)

Conversions

Conversions Part 1

Format	Color
Hex	69D792
RGB	105, 215, 146
RGB Percent	41%, 84%, 57%
CMY	0.5882, 0.1569, 0.4275
CMYK	0.51, 0.00, 0.32, 0.16
HSL	142°, 58%, 63%
HSV	142°, 51%, 84%
XYZ	35.3144, 53.6795, 35.6940
YIQ	174.2440, -43.4110, -44.7790

Conversions

Conversions Part 2

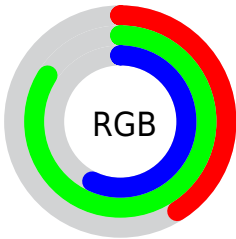
Format	Color
RYB	105, 185, 215
Decimal	6936466
CIELab	78.27, -46.90, 24.64
CIELCh	78, 52.981, 152.287
Yxy	53.6795, 0.2832, 0.4305
Android (android.graphics.Color)	4285126546 (0xFF69D792)
YUV	174.2440, -13.9243, -60.7270
Hunter-Lab	73.2663, -42.1787, 22.4013

Details

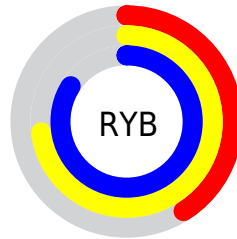
The Hex color **69D792** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D769AE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A3FFC8**, and **2B9F5F** is the 20% darker color. If you saturate the color by 10%, you get **53D785**, and if you desaturate by 10%, it is **7ED79F**.

Distribution



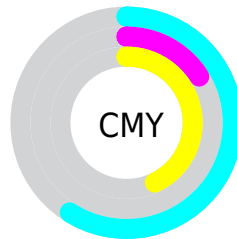
- Red (41%)
- Green (84%)
- Blue (57%)



- Red (41%)
- Yellow (73%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)



- Cyan (59%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69D792 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 69D792 by changing the saturation by 10% instead.

 69D792

 69D792

FFFFFF

 4CBB78

 A3FFC8

 2B9F5F

 C0FFE4

 008547

 DDFFFF

 006B30

 FBFFFF

 005119

 003901

 002300

 000000

 69D792

 69D792

 53D785

 7ED79F

 3ED777

 94D7AD

 28D76A

 AAD7BA

 13D75C

 BFD7C8

 00D750

 D5D7D5

 EAD7E3

 FFD7F0

 FFD7FE

 FFD7FF

Harmonies

Analogous

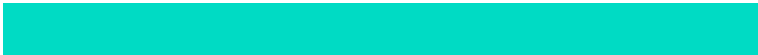
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9CE6B



69D792



00DBC4

Triad

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



69D792



74C5FF



FF9E90

Complementary

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



69D792



D769AE

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.



FF99C0



69D792



CAB3FF

Square

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



69D792



00D3FF



FFA1F0



FFAE6B

Rectangle

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



69D792



00DBE5



FFA1F0



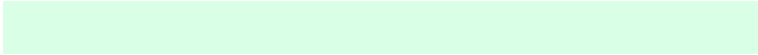
FF9B9F

Sweetspot

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



69D792



D9FFE7



AFD769



698071



000000



808080

Same Dimension

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



69D792



63FF9D



69D7C8



606B64



00AB40



002B10

Inverse Universe

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



D769AE



FF63C5



D76978



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 69D792 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 69D792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

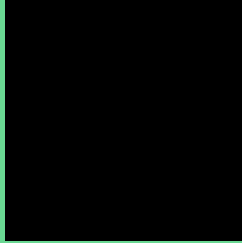
Any Text WCAG AA ✓ Pass

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 69D792 Background



This preview shows how black text looks on a background with the Hex color 69D792.



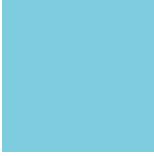
This preview shows how white text looks on a background with the Hex color 69D792.

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
69D792



Protanomaly
AAC88C



Deuteranomaly
B5C496



Tritanomaly
76D1C2

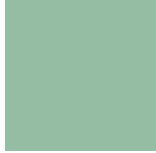
Monochromacy



Original Color
69D792



Achromatopsia
AEAEAE



Achromatomaly
95BDA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 69D792 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 #69D792 looks like.

```
.text, #text, p{  
    color:#69D792  
}
```

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 #69D792 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69D792
}
```

Border

The CSS property to change the border of an element to Hex 69D792 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
#69D792 }
```

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

```
.border{ border-color:#69D792 }
```

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

Here you see how a box with a 4 pixel #69D792 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69D792; -webkit-box-shadow:4px 4px  
4px 4px #69D792; box-shadow:4px 4px 4px  
4px #69D792 }
```

Background

The CSS property to change the background color of an element to Hex 69D792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69D792 }
```

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

```
.background{ background-color:#69D792 }
```

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