

Converting Colors

Hex(66D69F)

Have a look what the booklet for
Hex(66D69F) contains.

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Color

Hex(66D69F)

Conversions

Conversions Part 1

Format	Color
Hex	66D69F
RGB	102, 214, 159
RGB Percent	40%, 84%, 62%
CMY	0.6000, 0.1608, 0.3765
CMYK	0.52, 0.00, 0.26, 0.16
HSL	151°, 58%, 62%
HSV	151°, 52%, 84%
XYZ	35.7841, 53.4211, 41.2262
YIQ	174.2420, -49.0970, -40.8490

Conversions

Conversions Part 2

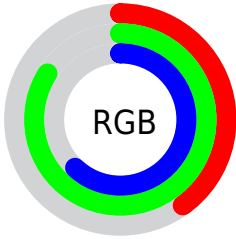
Format	Color
RYB	102, 176, 214
Decimal	6739615
CIELab	78.12, -44.66, 17.59
CIElCh	78, 48.004, 158.501
Yxy	53.4211, 0.2744, 0.4096
Android (android.graphics.Color)	4284929695 (0xFF66D69F)
YUV	174.2420, -7.5143, -63.3562
Hunter-Lab	73.0898, -40.5151, 17.7204

Details

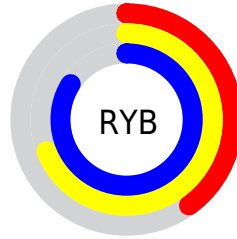
The Hex color **66D69F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D6669D**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A0FFD6**, and **269E6B** is the 20% darker color. If you saturate the color by 10%, you get **51D694**, and if you desaturate by 10%, it is **7BD6AA**.

Distribution



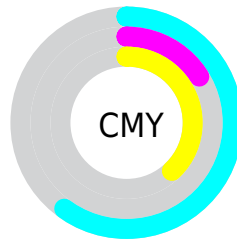
- Red (40%)
- Green (84%)
- Blue (62%)



- Red (40%)
- Yellow (69%)
- Blue (84%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (60%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D69F 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 66D69F by changing the saturation by 10% instead.



66D69F



66D69F

FFFFFF



48BA85



A0FFD6



269E6B



BDFFF2



008453



DAFFFF



006A3C



F8FFFF



005125



003910



002300



000000



66D69F



66D69F

 51D694

 7BD6AA

 3BD68A

 91D6B4

 26D67F

 A6D6BF

 10D675

 BCD6C9

 00D66D

 D1D6D4

 E6D6DE

 FCD6E9

 FFD6F3

 FFD6FE

Harmonies

Analogous

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



A1CF79



66D69F



00D9CD

Triad

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



66D69F



92C1FF



FFA48C

Complementary

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



66D69F



D6669D

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.



FF9DB6



66D69F



D6B1FF

Square

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



66D69F



24CFFF



FFA2E3



F8B36E

Rectangle

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



66D69F



00D8EA



FFA2E3



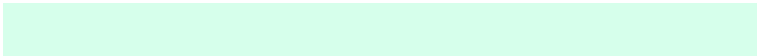
FFA199

Sweetspot

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



66D69F



D6FFEB



9ED666



678074



000000



808080

Same Dimension

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



66D69F



5EFFB0



66D6D6



606B66



00AB57



002B16

Inverse Universe

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



D6669D



FF5EAD



D66666



6B6066



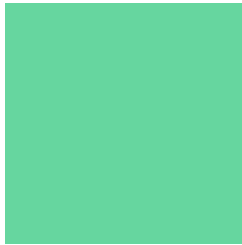
AB0054



2B0015

Previews

White Background



This preview shows how the Hex color 66D69F looks on a white background.

Color Contrast Check

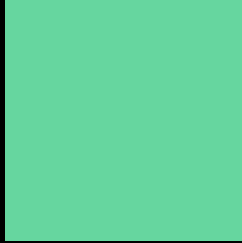
Large Text (above 18pt) WCAG AA × Fail

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 66D69F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

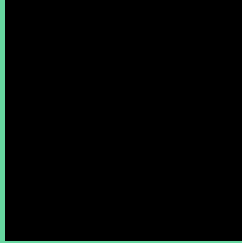
Any Text WCAG AA ✓ Pass

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 66D69F Background



This preview shows how black text looks on a background with the Hex color 66D69F.

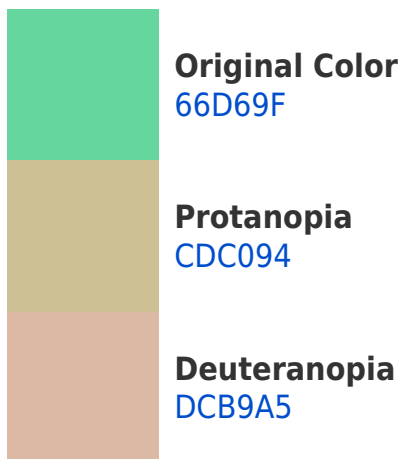


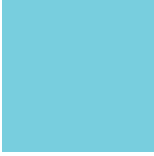
This preview shows how white text looks on a background with the Hex color 66D69F.

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
78CEDE

Trichromacy



Original Color
66D69F



Protanomaly
A8C898



Deuteranomaly
B1C4A3



Tritanomaly
71D1C7

Monochromacy



Original Color
66D69F



Achromatopsia
AEAEAE



Achromatomaly
94BDA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 66D69F 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 #66D69F looks like.

```
.text, #text, p{  
    color:#66D69F  
}
```

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 #66D69F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D69F
}
```

Border

The CSS property to change the border of an element to Hex 66D69F 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
#66D69F }
```

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

```
.border{ border-color:#66D69F }
```

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

Here you see how a box with a 4 pixel #66D69F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D69F; -webkit-box-shadow:4px 4px  
4px 4px #66D69F; box-shadow:4px 4px 4px  
4px #66D69F }
```

Background

The CSS property to change the background color of an element to Hex 66D69F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D69F }
```

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

```
.background{ background-color:#66D69F }
```

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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