

# Converting Colors

Hex(7DB26F)

Have a look what the booklet for  
Hex(7DB26F) contains.

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# **Color**

**Hex(7DB26F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB26F
RGB	125, 178, 111
RGB Percent	49%, 70%, 44%
CMY	0.5098, 0.3020, 0.5647
CMYK	0.30, 0.00, 0.38, 0.30
HSL	107°, 30%, 57%
HSV	107°, 38%, 70%
XYZ	27.2471, 37.3485, 20.8118
YIQ	154.5150, -10.0810, -32.0730

# Conversions

## Conversions Part 2

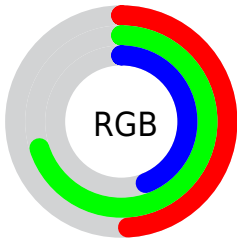
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 178, 164</a>
Decimal	<a href="#">8237679</a>
CIELab	<a href="#">67.54, -30.39, 28.82</a>
CIElCh	<a href="#">68, 41.886, 136.518</a>
Yxy	<a href="#">37.3485, 0.3190, 0.4373</a>
Android (android.graphics.Color)	<a href="#">4286427759 (0xFF7DB26F)</a>
YUV	<a href="#">154.5150, -21.4529, -25.8847</a>
Hunter-Lab	<a href="#">61.1134, -27.3651, 22.5885</a>

# Details

The Hex color **7DB26F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46FB2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B3EAA3**, and **497D3E** is the 20% darker color. If you saturate the color by 10%, you get **6FB25D**, and if you desaturate by 10%, it is **8BB281**.

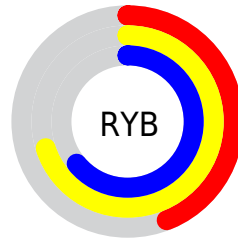
# Distribution



Red (49%)

Green (70%)

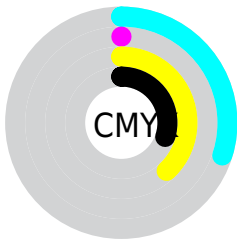
Blue (44%)



Red (44%)

Yellow (70%)

Blue (64%)

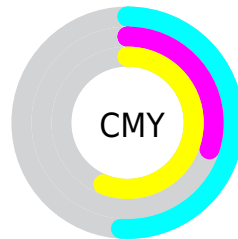


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (30%)



Cyan (51%)

Magenta (30%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DB26F 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 7DB26F by changing the saturation by 10% instead.





7DB26F



7DB26F

FFFFFF



639756



B3EAA3



497D3E



CFFFBF



306427



ECFFDB



164B10



FFFFF7



003400



002100



000000



7DB26F



7DB26F



6FB25D



8BB281

 61B24B

 99B293

 53B23A

 A7B2A4

 45B228

 B5B2B6

 37B216

 C3B2C8

 29B204

 D1B2DA

 25B200

 E0B2EC

 EEB2FD

 FCB2FF

# Harmonies

## Analogous

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



A8A95A



7DB26F



48B792

# Triad

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



7DB26F



44ADED



ED8791

# Complementary

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



7DB26F



A46FB2

# 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.



E388B7



7DB26F



8EA1ED

# Square

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



7DB26F



00B5DA



C293D9



E48F6F

# Rectangle

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



7DB26F



00B8AC



C293D9



EC869E



# Sweetspot

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



7DB26F



D4E8CF



B2A36F



697566



F5F5F5



757575



# Same Dimension

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



7DB26F



95E880



6FB282



525950



209900



051A00



# Inverse Universe

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



A46FB2



D280E8



B26F9F



575059



790099



14001A



# Previews

## White Background



This preview shows how the Hex color 7DB26F looks on a white background.

## Color Contrast Check

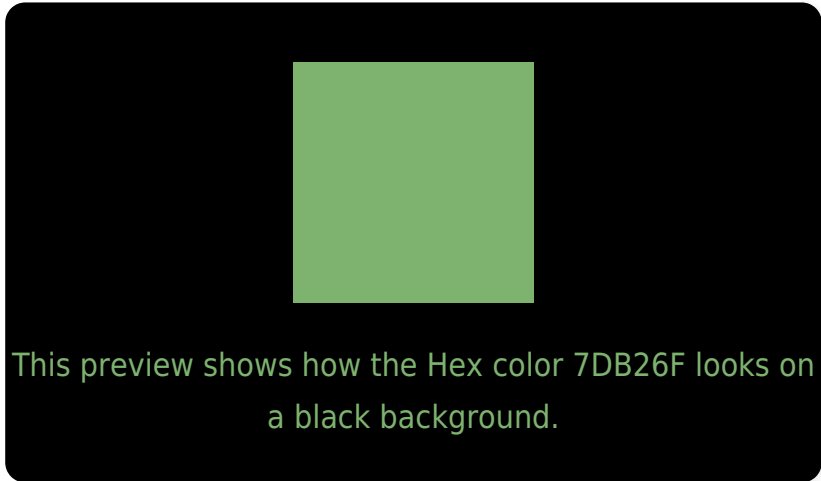
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

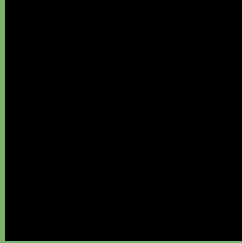
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7DB26F Background



This preview shows how black text looks on a background with the Hex color 7DB26F.

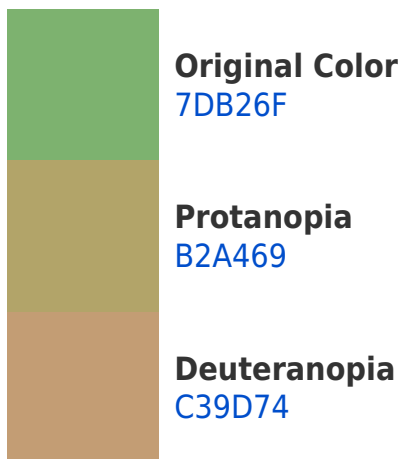


This preview shows how white text looks on a background with the Hex color 7DB26F.

# 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](#).

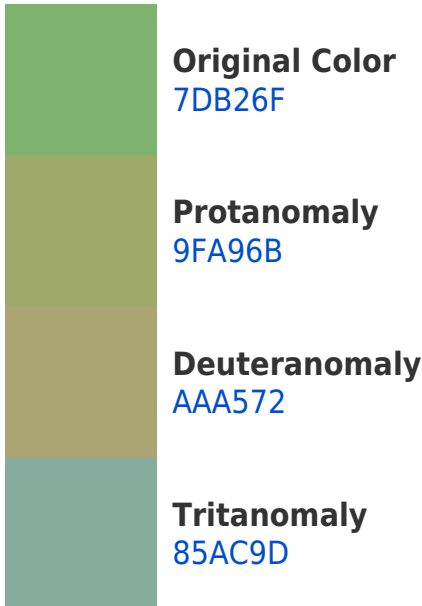
## Dichromacy



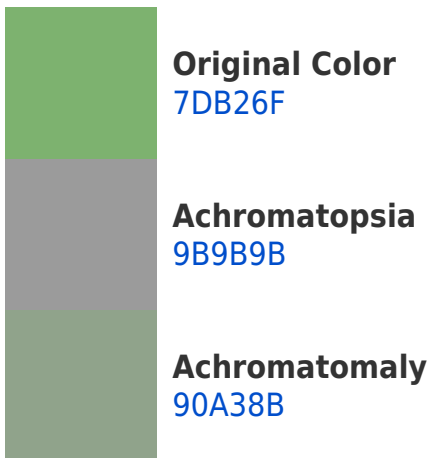


**Tritanopia**  
89A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DB26F 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 #7DB26F looks like.

```
.text, #text, p{  
    color:#7DB26F  
}
```

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 #7DB26F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB26F
}
```

## Border

The CSS property to change the border of an element to Hex 7DB26F 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
#7DB26F }
```

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

```
.border{ border-color:#7DB26F }
```

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

Here you see how a box with a 4 pixel #7DB26F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB26F; -webkit-box-shadow:4px 4px  
4px 4px #7DB26F; box-shadow:4px 4px 4px  
4px #7DB26F }
```

# Background

The CSS property to change the background color of an element to Hex 7DB26F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB26F }
```

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

```
.background{ background-color:#7DB26F }
```

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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