

Converting Colors

Hex(45D18F)

Have a look what the booklet for
Hex(45D18F) contains.

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Color

Hex(45D18F)

Conversions

Conversions Part 1

Format	Color
Hex	45D18F
RGB	69, 209, 143
RGB Percent	27%, 82%, 56%
CMY	0.7294, 0.1804, 0.4392
CMYK	0.67, 0.00, 0.32, 0.18
HSL	152°, 60%, 55%
HSV	152°, 67%, 82%
XYZ	30.2126, 48.8493, 33.8231
YIQ	159.6160, -62.2540, -50.2060

Conversions

Conversions Part 2

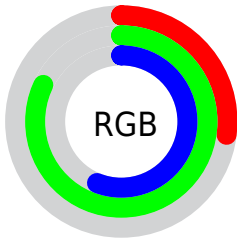
Format	Color
RYB	69, 161, 209
Decimal	4575631
CIELab	75.36, -52.55, 22.06
CIELCh	75, 56.991, 157.225
Yxy	48.8493, 0.2676, 0.4327
Android (android.graphics.Color)	4282765711 (0xFF45D18F)
YUV	159.6160, -8.1917, -79.4702
Hunter-Lab	69.8923, -45.1505, 20.2323

Details

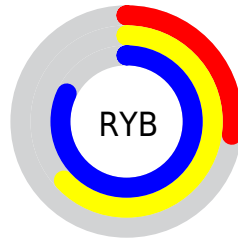
The Hex color **45D18F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D14587**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **84FFC5**, and **00995C** is the 20% darker color. If you saturate the color by 10%, you get **30D185**, and if you desaturate by 10%, it is **5AD199**.

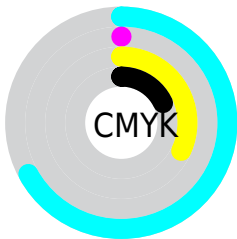
Distribution



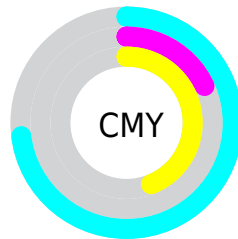
- Red (27%)
- Green (82%)
- Blue (56%)



- Red (27%)
- Yellow (63%)
- Blue (82%)



- Cyan (67%)
- Magenta (0%)
- Yellow (32%)
- Black (18%)



- Cyan (73%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45D18F 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 45D18F by changing the saturation by 10% instead.

 45D18F

 45D18F

FFFFFF

 1AB575

 84FFC5

 00995C

 A2FFE1

 007F44

 C0FFFE

 00652D

 DEFFFF

 004B17

 FDFFFF

 003400

 001B00

 000000

 45D18F

 45D18F

 30D185

 5AD199

 1BD17B

 6FD1A3

 06D171

 84D1AD

 00D16E

 99D1B6

 AED1C0

 C2D1CA

 D7D1D4

 ECD1DE

 FFD1E8

Harmonies

Analogous

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



94C962



45D18F



00D4C5

Triad

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



45D18F



73BBFF



FF967D

Complementary

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



45D18F



D14587

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.



FF8CAF



45D18F



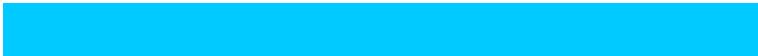
CEA7FF

Square

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



45D18F



00CAFF



FF94E3



F8A858

Rectangle

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



45D18F



00D3E8



FF94E3



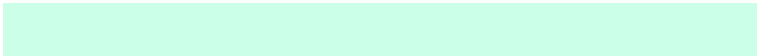
FF918C

Sweetspot

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



45D18F



CCFFE7



89D145



618071



000000



808080

Same Dimension

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



45D18F



33FF9F



45CFD1



5E6964



00A859



002916

Inverse Universe

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



D14587



FF3393



D14745



695E63



A8004F



290013

Previews

White Background



This preview shows how the Hex color 45D18F looks on a white background.

Color Contrast Check

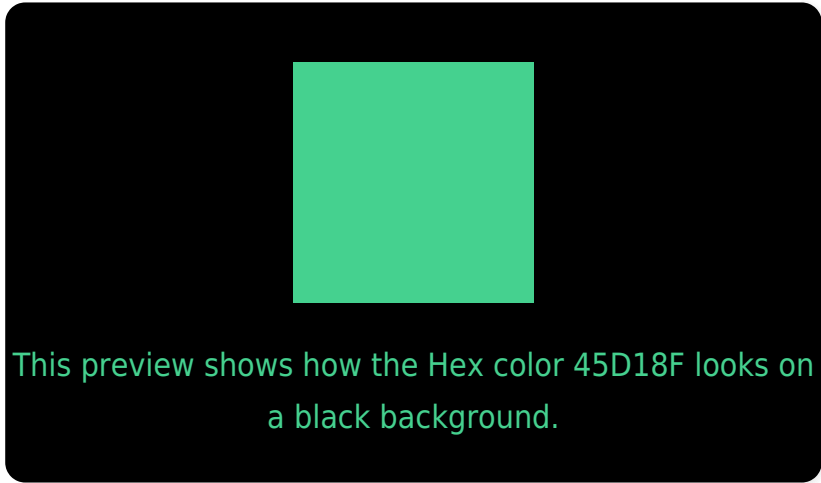
Large Text (above 18pt) WCAG AA × Fail

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

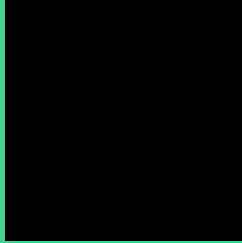
Any Text WCAG AA ✓ Pass

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 45D18F Background



This preview shows how black text looks on a background with the Hex color 45D18F.

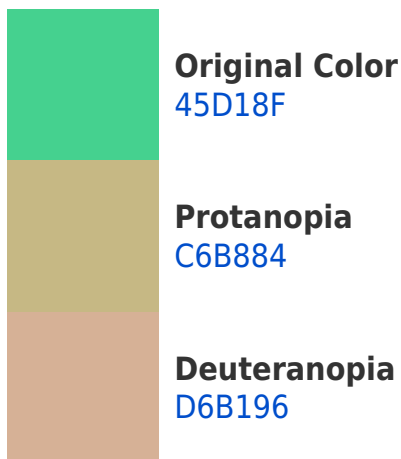


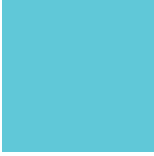
This preview shows how white text looks on a background with the Hex color 45D18F.

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
60C8D8

Trichromacy



Original Color
45D18F



Protanomaly
97C188



Deuteranomaly
A1BD93



Tritanomaly
56CBBD

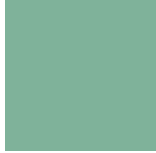
Monochromacy



Original Color
45D18F



Achromatopsia
A0A0A0



Achromatomaly
7FB29A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45D18F 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 #45D18F looks like.

```
.text, #text, p{  
    color:#45D18F  
}
```

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 #45D18F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45D18F
}
```

Border

The CSS property to change the border of an element to Hex 45D18F 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
#45D18F }
```

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

```
.border{ border-color:#45D18F }
```

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

Here you see how a box with a 4 pixel #45D18F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45D18F; -webkit-box-shadow:4px 4px  
4px 4px #45D18F; box-shadow:4px 4px 4px  
4px #45D18F }
```

Background

The CSS property to change the background color of an element to Hex 45D18F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45D18F }
```

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

```
.background{ background-color:#45D18F }
```

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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