

# Converting Colors

Hex(5ED188)

Have a look what the booklet for  
Hex(5ED188) contains.

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**Color**

**Hex(5ED188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED188
RGB	94, 209, 136
RGB Percent	37%, 82%, 53%
CMY	0.6314, 0.1804, 0.4667
CMYK	0.55, 0.00, 0.35, 0.18
HSL	142°, 56%, 59%
HSV	142°, 55%, 82%
XYZ	31.8605, 49.7582, 31.2176
YIQ	166.2930, -45.1070, -47.0830

# Conversions

## Conversions Part 2

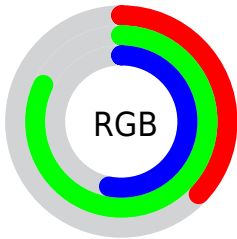
Format	Color
<a href="#">RYB</a>	94, 178, 209
Decimal	6214024
CIELab	75.92, -48.88, 26.60
CIELCh	76, 55.651, 151.441
Yxy	49.7582, 0.2824, 0.4410
Android (android.graphics.Color)	4284404104 (0xFF5ED188)
YUV	166.2930, -14.9344, -63.4010
Hunter-Lab	70.5395, -42.8212, 23.1385

# Details

The Hex color **5ED188** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **D15EA7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **98FFBE**, and **199A55** is the 20% darker color. If you saturate the color by 10%, you get **49D17B**, and if you desaturate by 10%, it is **73D195**.

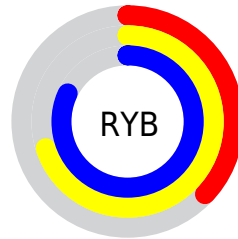
# Distribution



Red (37%)

Green (82%)

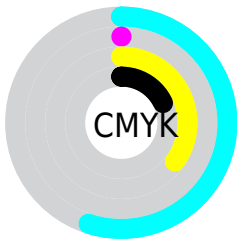
Blue (53%)



Red (37%)

Yellow (70%)

Blue (82%)

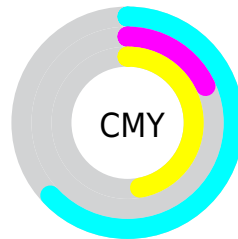


Cyan (55%)

Magenta (0%)

Yellow (35%)

Black (18%)



Cyan (63%)

Magenta (18%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ED188 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 5ED188 by changing the saturation by 10% instead.



 5ED188

 5ED188

FFFFFF

 3FB56E

 98FFBE

 199A55

 B5FFDA

 007F3E

 D3FFF6

 006526

 F0FFFF

 004C10

 003400

 001D00

 000000

 5ED188

 5ED188

 49D17B

 73D195

 34D16D

 88D1A3

 1FD160

 9DD1B0

 0AD153

 B2D1BD

 00D14C

 C7D1CA

 DBD1D8

 F0D1E5

 FFD1F2

 FFD1FF

# Harmonies

## Analogous

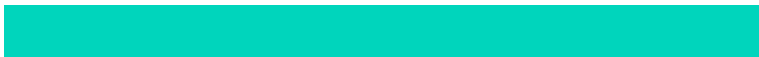
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2C860



5ED188



00D5BC

# Triad

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



5ED188



60C0FF



FF9588

# Complementary

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



5ED188



D15EA7

# 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.



FF8FBB



5ED188



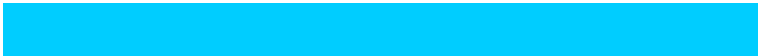
C2ADFF

# Square

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



5ED188



00CDFE



FC99ED



FFA761

# Rectangle

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



5ED188



00D5DF



FC99ED



FF9298

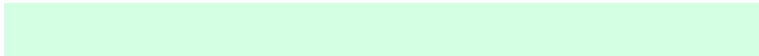


# Sweetspot

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



5ED188



D4FFE3



A9D15E



66806F



000000



808080



# Same Dimension

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



5ED188



57FF94



5ED1C0



5E6962



00A83D



00290F



# Inverse Universe

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



D15EA7



FF57C2



D15E6F



695E65



A8006B



29001A



# Previews

## White Background



This preview shows how the Hex color 5ED188 looks on a white background.

## Color Contrast Check

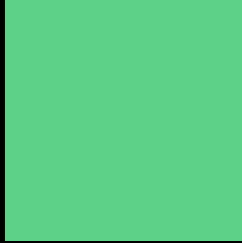
Large Text (above 18pt) WCAG AA × Fail

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 5ED188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

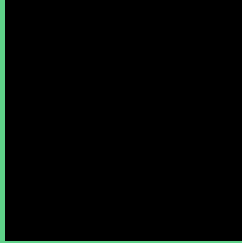
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5ED188 Background



This preview shows how black text looks on a background with the Hex color 5ED188.

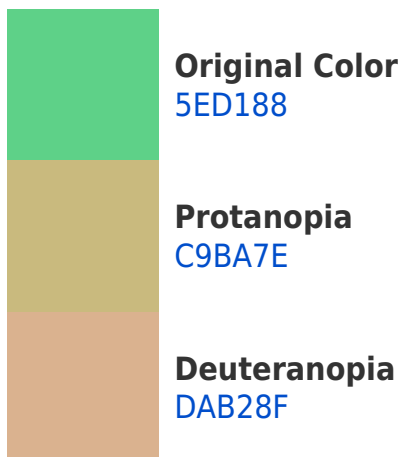


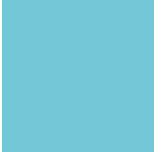
This preview shows how white text looks on a background with the Hex color 5ED188.

# 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](#).

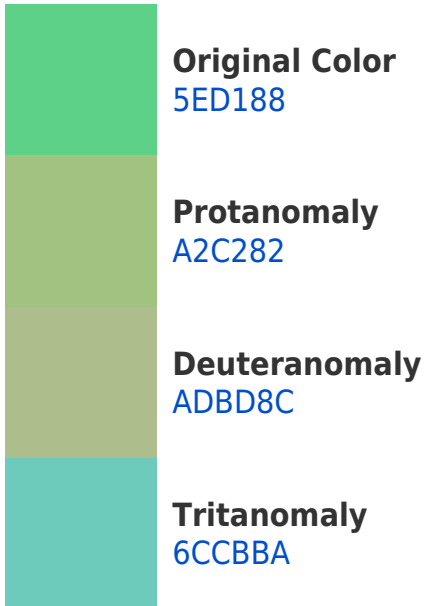
## Dichromacy



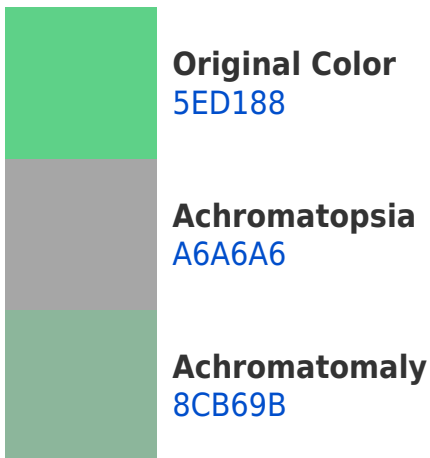


**Tritanopia**  
74C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ED188 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 #5ED188 looks like.

```
.text, #text, p{  
    color:#5ED188  
}
```

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 #5ED188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED188
}
```

## Border

The CSS property to change the border of an element to Hex 5ED188 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
#5ED188 }
```

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

```
.border{ border-color:#5ED188 }
```

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

Here you see how a box with a 4 pixel #5ED188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED188; -webkit-box-shadow:4px 4px  
4px 4px #5ED188; box-shadow:4px 4px 4px  
4px #5ED188 }
```

# Background

The CSS property to change the background color of an element to Hex 5ED188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED188 }
```

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

```
.background{ background-color:#5ED188 }
```

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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