

Converting Colors

Hex(65D13F)

Have a look what the booklet for
Hex(65D13F) contains.

Hex(65D13F)	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(65D13F)

Conversions

Conversions Part 1

Format	Color
Hex	65D13F
RGB	101, 209, 63
RGB Percent	40%, 82%, 25%
CMY	0.6039, 0.1804, 0.7529
CMYK	0.52, 0.00, 0.70, 0.18
HSL	104°, 61%, 53%
HSV	104°, 70%, 82%
XYZ	29.0645, 48.7265, 12.5759
YIQ	160.0640, -17.5020, -68.3020

Conversions

Conversions Part 2

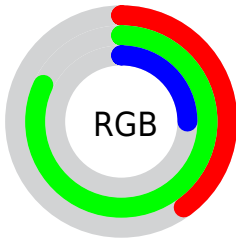
Format	Color
RYB	63, 209, 171
Decimal	6672703
CIELab	75.28, -56.60, 59.98
CIELCh	75, 82.467, 133.336
Yxy	48.7265, 0.3216, 0.5392
Android (android.graphics.Color)	4284862783 (0xFF65D13F)
YUV	160.0640, -47.8526, -51.7991
Hunter-Lab	69.8044, -47.8355, 38.1814

Details

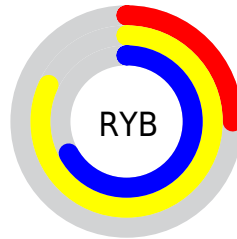
The Hex color **65D13F** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **AB3FD1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A0FF76**, and **209900** is the 20% darker color. If you saturate the color by 10%, you get **56D12A**, and if you desaturate by 10%, it is **74D154**.

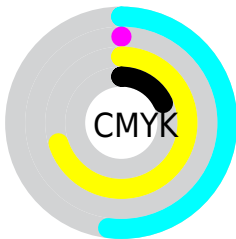
Distribution



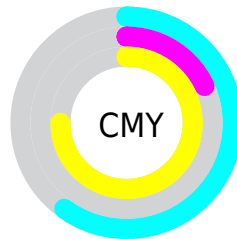
- Red (40%)
- Green (82%)
- Blue (25%)



- Red (25%)
- Yellow (82%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (70%)
- Black (18%)



- Cyan (60%)
- Magenta (18%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D13F 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 65D13F by changing the saturation by 10% instead.

 65D13F

 65D13F

FFFFFF

 46B520

 A0FF76

 209900

 BEFF92

 007F00

 DCFFAE

 006500

 FAFFCA

 004C00

 FFFF7E

 003400

 001B00

 000000

 65D13F

 65D13F

 56D12A

 74D154

 46D115

 84D169

 37D100

 93D17E

 36D100

 A3D193

 B2D1A8

 C2D1BC

 D1D1D1

 E1D1E6

 F0D1FB

Harmonies

Analogous

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



BEC000



65D13F



00DA8B

Triad

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



65D13F



00CEFF



FF6B9B

Complementary

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



65D13F



AB3FD1

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.



FF73E7



65D13F



4BB7FF

Square

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



65D13F



00D9FF



E795FF



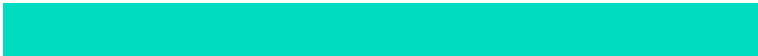
FF8553

Rectangle

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



65D13F



00DCC0



E795FF



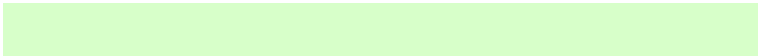
FF69B4

Sweetspot

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



65D13F



D7FFC9



D1AA3F



688060



000000



808080

Same Dimension

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



65D13F



61FF29



3FD161



61695E



2CA800



0B2900

Inverse Universe

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



AB3FD1



C729FF



D13FAF



665E69



7C00A8



1E0029

Previews

White Background



This preview shows how the Hex color 65D13F looks on a white background.

Color Contrast Check

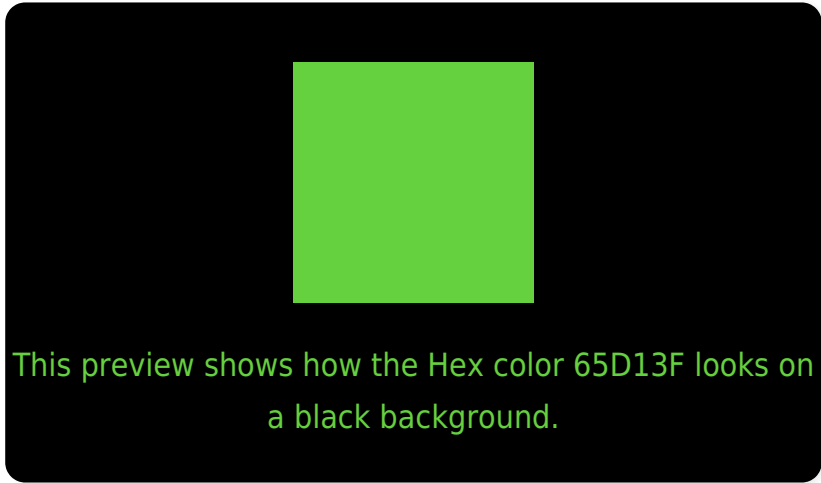
Large Text (above 18pt) WCAG AA × Fail

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 65D13F Background



This preview shows how black text looks on a background with the Hex color 65D13F.

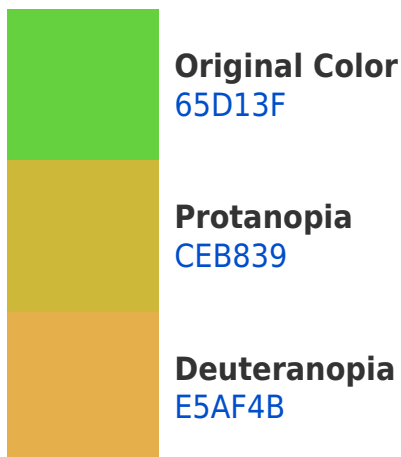


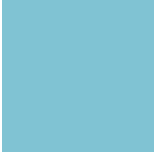
This preview shows how white text looks on a background with the Hex color 65D13F.

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](#).

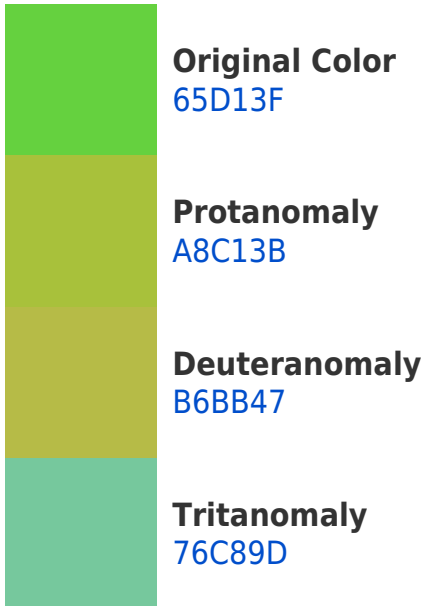
Dichromacy



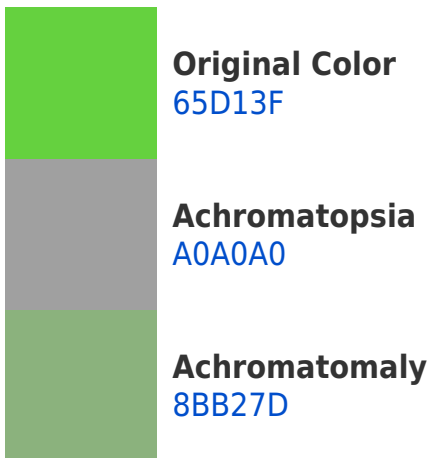


Tritanopia
80C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65D13F 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 #65D13F looks like.

```
.text, #text, p{  
    color:#65D13F  
}
```

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 #65D13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D13F
}
```

Border

The CSS property to change the border of an element to Hex 65D13F 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
#65D13F }
```

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

```
.border{ border-color:#65D13F }
```

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

Here you see how a box with a 4 pixel #65D13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D13F; -webkit-box-shadow:4px 4px  
4px 4px #65D13F; box-shadow:4px 4px 4px  
4px #65D13F }
```

Background

The CSS property to change the background color of an element to Hex 65D13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D13F }
```

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

```
.background{ background-color:#65D13F }
```

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