

# Converting Colors

Hex(41D24F)

Have a look what the booklet for  
Hex(41D24F) contains.

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**Color**

**Hex(41D24F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41D24F
RGB	65, 210, 79
RGB Percent	25%, 82%, 31%
CMY	0.7451, 0.1765, 0.6902
CMYK	0.69, 0.00, 0.62, 0.18
HSL	126°, 62%, 54%
HSV	126°, 69%, 82%
XYZ	26.6378, 47.7815, 15.2159
YIQ	151.7110, -44.3690, -71.4810

# Conversions

## Conversions Part 2

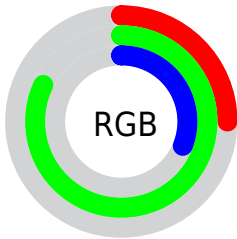
Format	Color
<a href="#">RYB</a>	<a href="#">65, 197, 210</a>
Decimal	<a href="#">4313679</a>
CIELab	<a href="#">74.69, -63.68, 52.57</a>
CIELCh	<a href="#">75, 82.579, 140.461</a>
Yxy	<a href="#">47.7815, 0.2972, 0.5331</a>
Android (android.graphics.Color)	<a href="#">4282503759</a> ( <a href="#">0xFF41D24F</a> )
YUV	<a href="#">151.7110, -35.8465, -76.0455</a>
Hunter-Lab	<a href="#">69.1242, -52.1801, 35.3357</a>

# Details

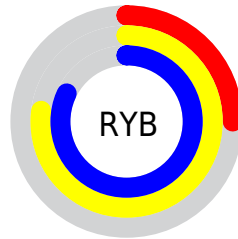
The Hex color **41D24F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D241C4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **83FF85**, and **009A15** is the 20% darker color. If you saturate the color by 10%, you get **2CD23C**, and if you desaturate by 10%, it is **56D262**.

# Distribution



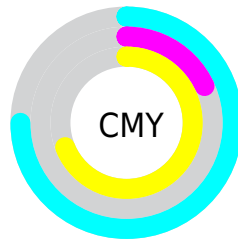
- Red (25%)
- Green (82%)
- Blue (31%)



- Red (25%)
- Yellow (77%)
- Blue (82%)



- Cyan (69%)
- Magenta (0%)
- Yellow (62%)
- Black (18%)



- Cyan (75%)
- Magenta (18%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41D24F 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 41D24F by changing the saturation by 10% instead.



 41D24F

 41D24F

FFFFFF

 0CB634

 83FF85

 009A15

 A1FFA0

 007F00

 C0FFBC

 006500

 DEFFD9

 004B00

 FDFFF6

 003400

 001900

 000000

 41D24F

 41D24F

 2CD23C

 56D262

 17D229

 6BD275

 02D216

 80D288

 00D214

 95D29B

 AAD2AE

 BFD2C1

 D4D2D4

 E9D2E7

 FED2FA

# Harmonies

## Analogous

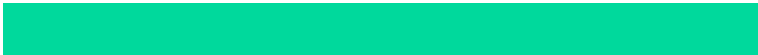
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAC400



41D24F



00D99C

# Triad

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



41D24F



00C8FF



FF6D87

# Complementary

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



41D24F



D241C4

# 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.



FF6BD3



41D24F



82AEFF

# Square

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



41D24F



00D6FF



FB8AFF



FF8B42

# Rectangle

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



41D24F



00DBD1



FB8AFF



FF68A0

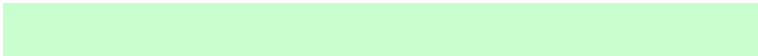


# Sweetspot

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



41D24F



C9FFCF



C6D241



608063



000000



808080



# Same Dimension

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



41D24F



2BFF40



41D296



5E695F



00A810



002904



# Inverse Universe

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



D241C4



FF2BEB



D2417D



695E68



A80098

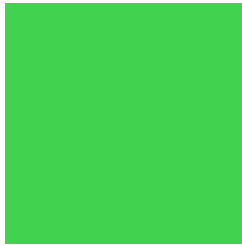


290025



# Previews

## White Background



This preview shows how the Hex color 41D24F looks on a white background.

## Color Contrast Check

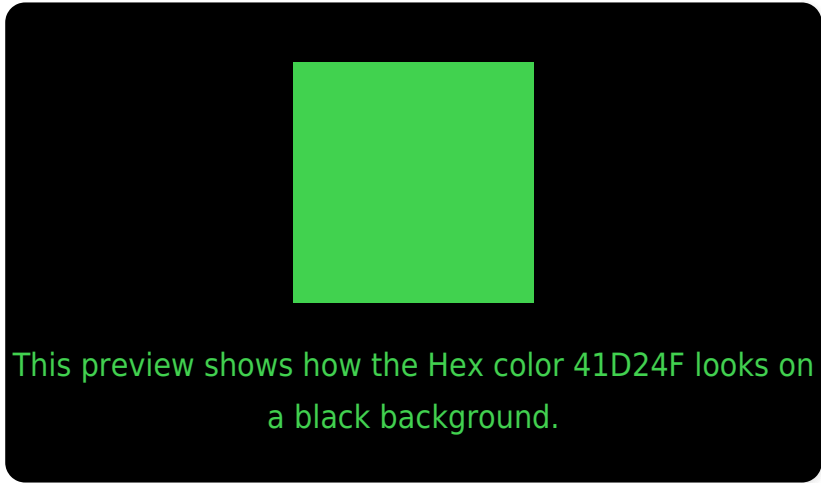
Large Text (above 18pt) WCAG AA × Fail

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

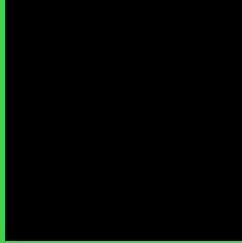
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41D24F Background



This preview shows how black text looks on a background with the Hex color 41D24F.

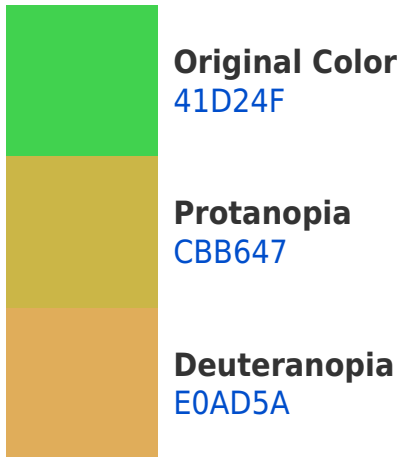


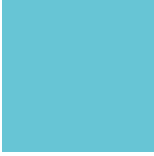
This preview shows how white text looks on a background with the Hex color 41D24F.

# 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**  
67C5D5

# Trichromacy



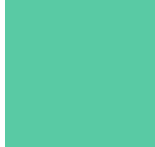
**Original Color**  
41D24F



**Protanomaly**  
99C04A



**Deuteranomaly**  
A6BA56



**Tritanomaly**  
59CAA4

# Monochromacy



**Original Color**  
41D24F



**Achromatopsia**  
989898



**Achromatomaly**  
78AD7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41D24F 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 #41D24F looks like.

```
.text, #text, p{  
    color:#41D24F  
}
```

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 #41D24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D24F
}
```

## Border

The CSS property to change the border of an element to Hex 41D24F 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
#41D24F }
```

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

```
.border{ border-color:#41D24F }
```

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

Here you see how a box with a 4 pixel #41D24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D24F; -webkit-box-shadow:4px 4px  
4px 4px #41D24F; box-shadow:4px 4px 4px  
4px #41D24F }
```

# Background

The CSS property to change the background color of an element to Hex 41D24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D24F }
```

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

```
.background{ background-color:#41D24F }
```

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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