

# Converting Colors

Hex(41D95D)

Have a look what the booklet for  
Hex(41D95D) contains.

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**Color**

**Hex(41D95D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41D95D
RGB	65, 217, 93
RGB Percent	25%, 85%, 36%
CMY	0.7451, 0.1490, 0.6353
CMYK	0.70, 0.00, 0.57, 0.15
HSL	131°, 67%, 55%
HSV	131°, 70%, 85%
XYZ	28.9686, 51.5398, 18.7773
YIQ	157.4160, -50.7880, -70.7880

# Conversions

## Conversions Part 2

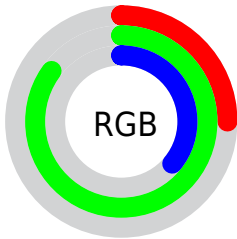
Format	Color
<a href="#">RYB</a>	<a href="#">65, 193, 217</a>
Decimal	<a href="#">4315485</a>
CIELab	<a href="#">77.00, -64.40, 49.03</a>
CIELCh	<a href="#">77, 80.938, 142.716</a>
Yxy	<a href="#">51.5398, 0.2918, 0.5191</a>
Android (android.graphics.Color)	<a href="#">4282505565 (0xFF41D95D)</a>
YUV	<a href="#">157.4160, -31.7571, -81.0488</a>
Hunter-Lab	<a href="#">71.7913, -53.6079, 34.7463</a>

# Details

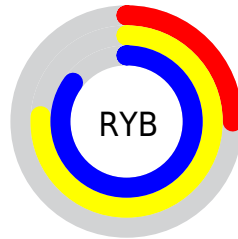
The Hex color **41D95D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **D941BD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **84FF92**, and **00A128** is the 20% darker color. If you saturate the color by 10%, you get **2BD94B**, and if you desaturate by 10%, it is **57D96F**.

# Distribution



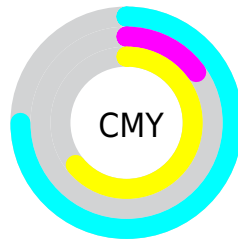
- Red (25%)
- Green (85%)
- Blue (36%)



- Red (25%)
- Yellow (76%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41D95D 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 41D95D by changing the saturation by 10% instead.



 41D95D

 41D95D

FFFFFF

 08BD43

 84FF92

 00A128

 A2FFAE

 008505

 C1FFCA

 006B00

 DFFFE7

 005100

FEFFFF

 003900

 002000

 000000

 41D95D

 41D95D

 2BD94B

 57D96F

 16D93A

 6CD980

 00D928

 82D992

 98D9A4

 AED9B6

 C3D9C7

 D9D9D9

 EFD9EB

 FFD9FC

# Harmonies

## Analogous

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



ABCB14



41D95D



00E0A9

# Triad

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



41D95D



00CCFF



FF7889

# Complementary

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



41D95D



D941BD

# 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.



FF74D4



41D95D



98B2FF

# Square

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



41D95D



00DBFF



FF8FFF



FF9546

# Rectangle

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



41D95D



00E1DD



FF8FFF



FF72A1

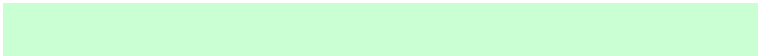


# Sweetspot

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



41D95D



C9FFD3



BDD941



608065



000000



808080



# Same Dimension

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



41D95D



29FF50



41D9A9



636E65



00AD20



002E08



# Inverse Universe

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



D941BD



FF29D8



D94171



6E636C



AD008D

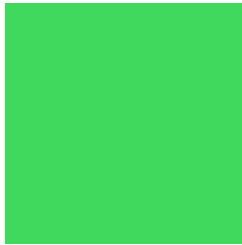


2E0025



# Previews

## White Background



This preview shows how the Hex color 41D95D 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 41D95D 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 41D95D Background



This preview shows how black text looks on a background with the Hex color 41D95D.

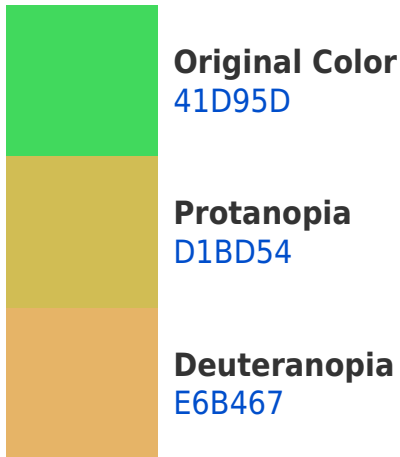


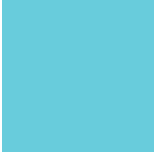
This preview shows how white text looks on a background with the Hex color 41D95D.

# Color Blindness Simulation

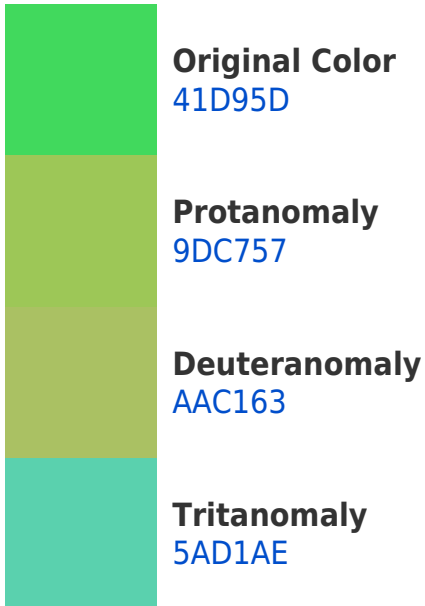
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

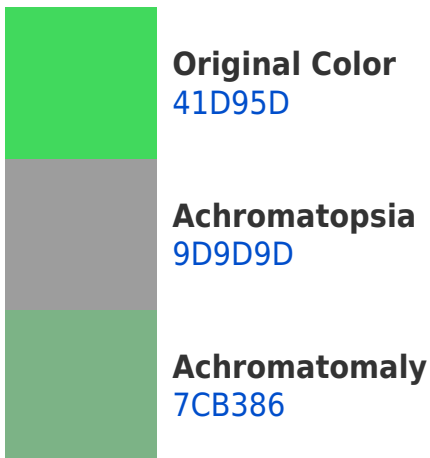




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41D95D 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 #41D95D looks like.

```
.text, #text, p{  
    color:#41D95D  
}
```

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 #41D95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41D95D
}
```

## Border

The CSS property to change the border of an element to Hex 41D95D 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
#41D95D }
```

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

```
.border{ border-color:#41D95D }
```

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

Here you see how a box with a 4 pixel #41D95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41D95D; -webkit-box-shadow:4px 4px  
4px 4px #41D95D; box-shadow:4px 4px 4px  
4px #41D95D }
```

# Background

The CSS property to change the background color of an element to Hex 41D95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41D95D }
```

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

```
.background{ background-color:#41D95D }
```

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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