

# Converting Colors

Hex(4CD95D)

Have a look what the booklet for  
Hex(4CD95D) contains.

<b>Hex(4CD95D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(4CD95D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CD95D
RGB	76, 217, 93
RGB Percent	30%, 85%, 36%
CMY	0.7020, 0.1490, 0.6353
CMYK	0.65, 0.00, 0.57, 0.15
HSL	127°, 65%, 57%
HSV	127°, 65%, 85%
XYZ	29.7691, 51.9525, 18.8148
YIQ	160.7050, -44.2320, -68.4560

# Conversions

## Conversions Part 2

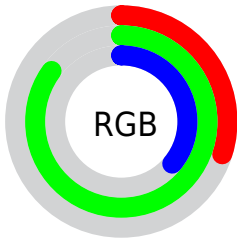
Format	Color
<a href="#">RYB</a>	<a href="#">76, 202, 217</a>
Decimal	<a href="#">5036381</a>
CIELab	<a href="#">77.25, -62.39, 49.38</a>
CIELCh	<a href="#">77, 79.571, 141.639</a>
Yxy	<a href="#">51.9525, 0.2961, 0.5168</a>
Android (android.graphics.Color)	<a href="#">4283226461 (0xFF4CD95D)</a>
YUV	<a href="#">160.7050, -33.3786, -74.2863</a>
Hunter-Lab	<a href="#">72.0781, -52.4140, 34.9780</a>

# Details

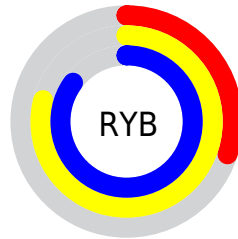
The Hex color **4CD95D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **D94CC8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8CFF92**, and **00A128** is the 20% darker color. If you saturate the color by 10%, you get **36D94A**, and if you desaturate by 10%, it is **62D970**.

# Distribution



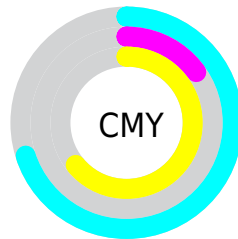
- Red (30%)
- Green (85%)
- Blue (36%)



- Red (30%)
- Yellow (79%)
- Blue (85%)



- Cyan (65%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)



- Cyan (70%)
- Magenta (15%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CD95D 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 4CD95D by changing the saturation by 10% instead.



 4CD95D

 4CD95D

FFFFFF

 23BD43

 8CFF92

 00A128

 AAFFAE

 008605

 C8FFCA

 006B00

 E7FFE7

 005100

 003900

 002100

 000000

 4CD95D

 4CD95D

 36D94A

 62D970

 21D937

 77D983

 0BD924

 8DD996

 00D91A

 A3D9A9

 B9D9BC

 CED9D0

 E4D9E3

 FAD9F6

 FFD9FF

# Harmonies

## Analogous

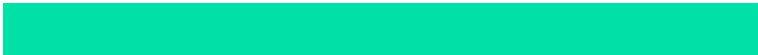
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B0CB1A



4CD95D



00E0A7

# Triad

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



4CD95D



00CDFE



FF7A8D

# Complementary

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



4CD95D



D94CC8

# 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.



FF77D7



4CD95D



95B4FF

# Square

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



4CD95D



00DCFF



FF92FF



FF954B

# Rectangle

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



4CD95D



00E1DA



FF92FF



FF75A5

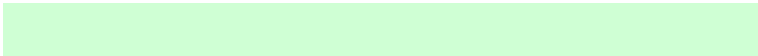


# Sweetspot

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



4CD95D



CFFFD4



C9D94C



628066



000000



808080



# Same Dimension

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



4CD95D



38FF50



4CD9A3



636E64



00AD15



002E06



# Inverse Universe

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



D94CC8



FF38E7



D94C82



6E636C



AD0098

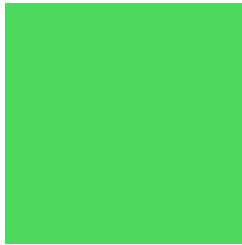


2E0028



# Previews

## White Background



This preview shows how the Hex color 4CD95D looks on a white background.

## Color Contrast Check

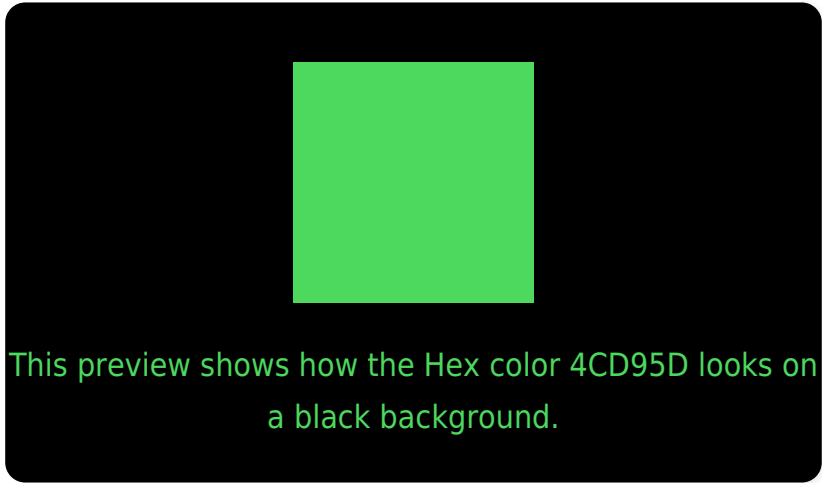
Large Text (above 18pt) WCAG AA × Fail

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

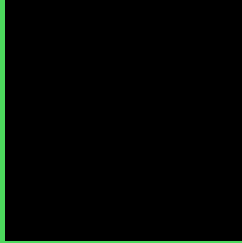
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CD95D Background



This preview shows how black text looks on a background with the Hex color 4CD95D.

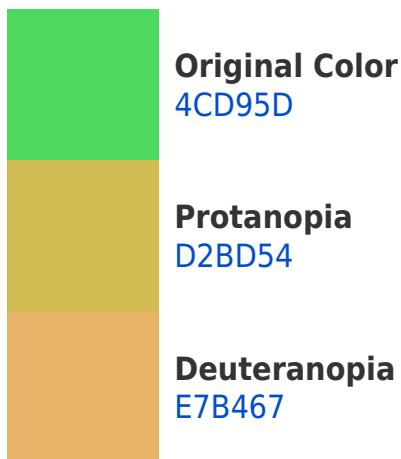


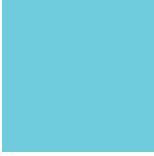
This preview shows how white text looks on a background with the Hex color 4CD95D.

# 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



**Original Color**  
4CD95D



**Protanomaly**  
A1C757



**Deuteranomaly**  
AFC163



**Tritanomaly**  
62D1AE

# Monochromacy



**Original Color**  
4CD95D



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
82B588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CD95D 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 #4CD95D looks like.

```
.text, #text, p{  
    color:#4CD95D  
}
```

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 #4CD95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD95D
}
```

## Border

The CSS property to change the border of an element to Hex 4CD95D 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
#4CD95D }
```

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

```
.border{ border-color:#4CD95D }
```

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

Here you see how a box with a 4 pixel #4CD95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD95D; -webkit-box-shadow:4px 4px  
4px 4px #4CD95D; box-shadow:4px 4px 4px  
4px #4CD95D }
```

# Background

The CSS property to change the background color of an element to Hex 4CD95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD95D }
```

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

```
.background{ background-color:#4CD95D }
```

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