

# Converting Colors

Hex(5DDA4A)

Have a look what the booklet for  
Hex(5DDA4A) contains.

<b>Hex(5DDA4A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(5DDA4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DDA4A
RGB	93, 218, 74
RGB Percent	36%, 85%, 29%
CMY	0.6353, 0.1451, 0.7098
CMYK	0.57, 0.00, 0.66, 0.15
HSL	112°, 66%, 57%
HSV	112°, 66%, 85%
XYZ	30.8216, 52.9644, 15.0772
YIQ	164.2090, -28.2760, -71.2840

# Conversions

## Conversions Part 2

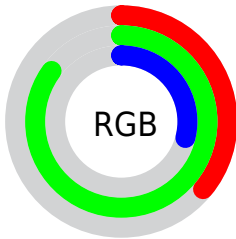
Format	Color
<a href="#">RYB</a>	<a href="#">74, 218, 199</a>
Decimal	<a href="#">6150730</a>
CIELab	<a href="#">77.85, -61.03, 58.35</a>
CIELCh	<a href="#">78, 84.434, 136.288</a>
Yxy	<a href="#">52.9644, 0.3118, 0.5357</a>
Android (android.graphics.Color)	<a href="#">4284340810 (0xFF5DDA4A)</a>
YUV	<a href="#">164.2090, -44.4730, -62.4503</a>
Hunter-Lab	<a href="#">72.7766, -51.7625, 38.6604</a>

# Details

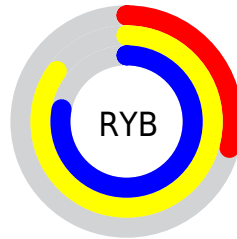
The Hex color **5DDA4A** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C74ADA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9AFF81**, and **03A206** is the 20% darker color. If you saturate the color by 10%, you get **4ADA34**, and if you desaturate by 10%, it is **70DA60**.

# Distribution



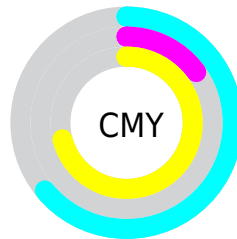
- Red (36%)
- Green (85%)
- Blue (29%)



- Red (29%)
- Yellow (85%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (66%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DDA4A 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 5DDA4A by changing the saturation by 10% instead.



 5DDA4A

 5DDA4A

FFFFFF

 3BBE2D

 9AFF81

 03A206

 B8FF9C

 008700

 D6FFB9

 006C00

 F5FFD5

 005300

 FFFFF2

 003A00

 002200

 000000

 5DDA4A

 5DDA4A

 4ADA34

 70DA60

 37DA1E

 83DA76

 24DA09

 96DA8B

 1DDA00

 A9DAA1

 BCDAB7

 CFDACD

 E1DAE3

 F4DAF8

 FFDAFF

# Harmonies

## Analogous

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



BDCA00



5DDA4A



00E299

# Triad

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



5DDA4A



00D4FF



FF7199

# Complementary

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



5DDA4A



C74ADA

# 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.



FF75E8



5DDA4A



6CBBFF

# Square

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



5DDA4A



00E1FF



F997FF



FF8E50

# Rectangle

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



5DDA4A



00E4CF



F997FF



FF6EB3

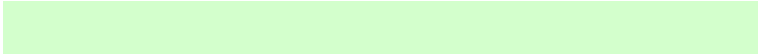


# Sweetspot

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



5DDA4A



D3FFCC



DAC74A



658061



000000



808080



# Same Dimension

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



5DDA4A



50FF36



4ADA7F



646E63



17AD00



062E00



# Inverse Universe

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



C74ADA



E436FF



DA4AA5



6C636E



9700AD

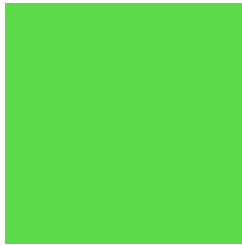


28002E



# Previews

## White Background



This preview shows how the Hex color 5DDA4A looks on a white background.

## Color Contrast Check

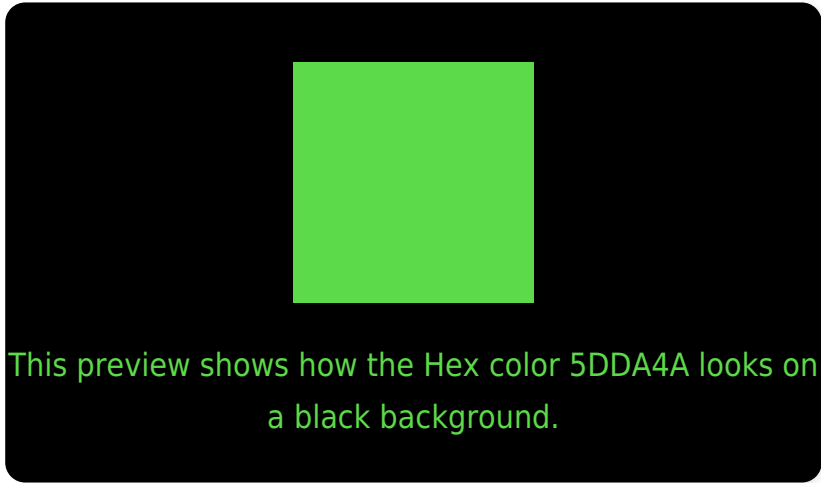
Large Text (above 18pt) WCAG AA × Fail

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 5DDA4A Background



This preview shows how black text looks on a background with the Hex color 5DDA4A.

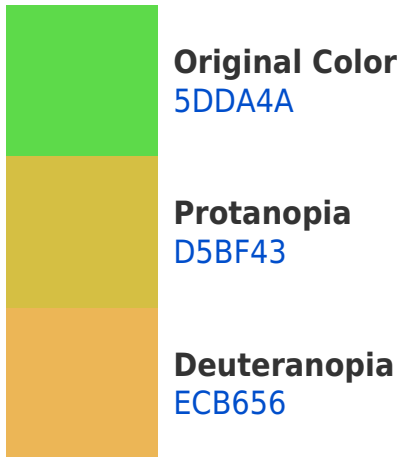


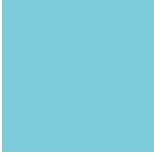
This preview shows how white text looks on a background with the Hex color 5DDA4A.

# 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**  
5DDA4A



**Protanomaly**  
A9C946



**Deuteranomaly**  
B8C352



**Tritanomaly**  
71D1A7

# Monochromacy



**Original Color**  
5DDA4A



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
8AB883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DDA4A 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 #5DDA4A looks like.

```
.text, #text, p{  
    color:#5DDA4A  
}
```

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 #5DDA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DDA4A
}
```

## Border

The CSS property to change the border of an element to Hex 5DDA4A 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
#5DDA4A }
```

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

```
.border{ border-color:#5DDA4A }
```

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

Here you see how a box with a 4 pixel #5DDA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DDA4A; -webkit-box-shadow:4px 4px  
4px 4px #5DDA4A; box-shadow:4px 4px 4px  
4px #5DDA4A }
```

# Background

The CSS property to change the background color of an element to Hex 5DDA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DDA4A }
```

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

```
.background{ background-color:#5DDA4A }
```

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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