

# Converting Colors

Hex(5AD261)

Have a look what the booklet for  
Hex(5AD261) contains.

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# **Color**

**Hex(5AD261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD261
RGB	90, 210, 97
RGB Percent	35%, 82%, 38%
CMY	0.6471, 0.1765, 0.6196
CMYK	0.57, 0.00, 0.54, 0.18
HSL	123°, 57%, 59%
HSV	123°, 57%, 82%
XYZ	29.4207, 49.1299, 19.2417
YIQ	161.2380, -35.2470, -60.5830

# Conversions

## Conversions Part 2

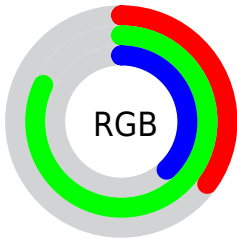
Format	Color
<a href="#">RYB</a>	<a href="#">90, 203, 210</a>
Decimal	<a href="#">5952097</a>
CIELab	<a href="#">75.53, -56.31, 45.58</a>
CIELCh	<a href="#">76, 72.444, 141.011</a>
Yxy	<a href="#">49.1299, 0.3008, 0.5024</a>
Android (android.graphics.Color)	<a href="#">4284142177 (0xFF5AD261)</a>
YUV	<a href="#">161.2380, -31.6693, -62.4757</a>
Hunter-Lab	<a href="#">70.0927, -47.7387, 32.7888</a>

# Details

The Hex color **5AD261** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D25ACB**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **96FF96**, and **079A2D** is the 20% darker color. If you saturate the color by 10%, you get **45D24D**, and if you desaturate by 10%, it is **6FD275**.

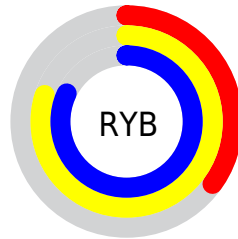
# Distribution



Red (35%)

Green (82%)

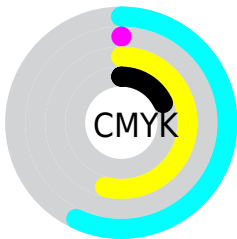
Blue (38%)



Red (35%)

Yellow (80%)

Blue (82%)

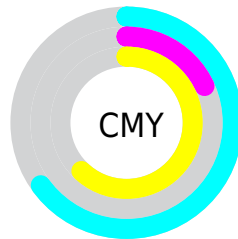


Cyan (57%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AD261 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 5AD261 by changing the saturation by 10% instead.



 5AD261

 5AD261

FFFFFF

 39B647

 96FF96

 079A2D

 B3FFB2

 008010

 D1FFCE

 006500

 EFFFEA

 004C00

 003500

 001C00

 000000

 5AD261

 5AD261

 45D24D

 6FD275

 30D239

 84D289

 1BD226

 99D29C

 06D212

 AED2B0

 00D20C

 C3D2C4

 D8D2D8

 EDD2EB

 FFD2FF

# Harmonies

## Analogous

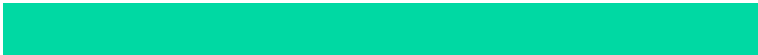
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFC52D



5AD261



00D9A3

# Triad

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



5AD261



00C8FF



FF7E8E

# Complementary

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



5AD261



D25ACB

# 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.



FF7CD1



5AD261



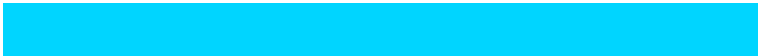
95B1FF

# Square

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



5AD261



00D5FF



F794FF



FF9553

# Rectangle

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



5AD261



00DAD2



F794FF



FF7AA4

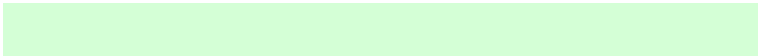


# Sweetspot

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



5AD261



D4FFD6



CCD25A



668067



000000



808080



# Same Dimension

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



5AD261



4FFF59



5AD29C



5E695F



00A80A



002902



# Inverse Universe

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



D25ACB



FF4FF5



D25A90



695E68



A8009E

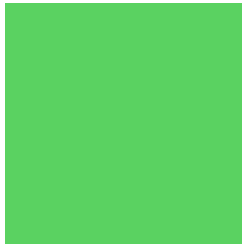


290026



# Previews

## White Background



This preview shows how the Hex color 5AD261 looks on a white background.

## Color Contrast Check

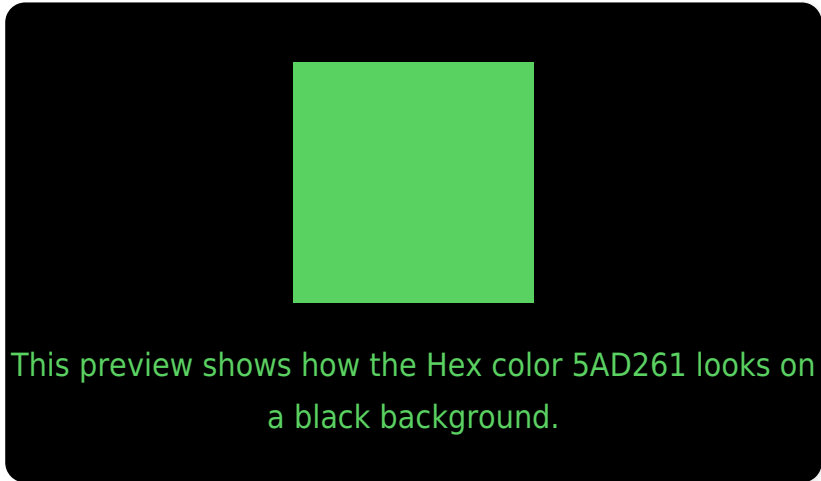
Large Text (above 18pt) WCAG AA × Fail

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

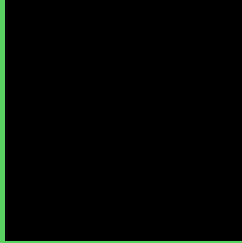
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5AD261 Background



This preview shows how black text looks on a background with the Hex color 5AD261.

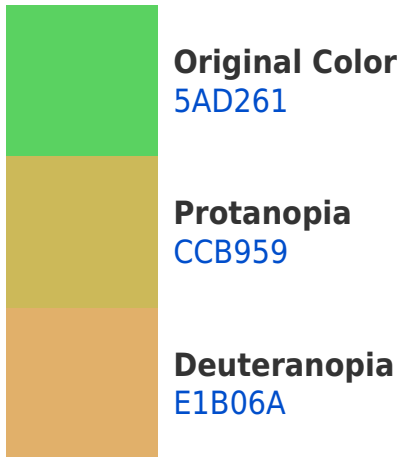


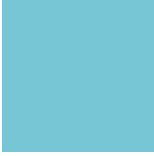
This preview shows how white text looks on a background with the Hex color 5AD261.

# 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](#).

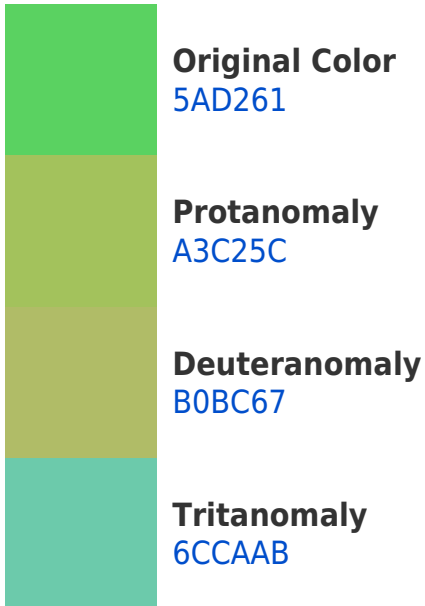
## Dichromacy



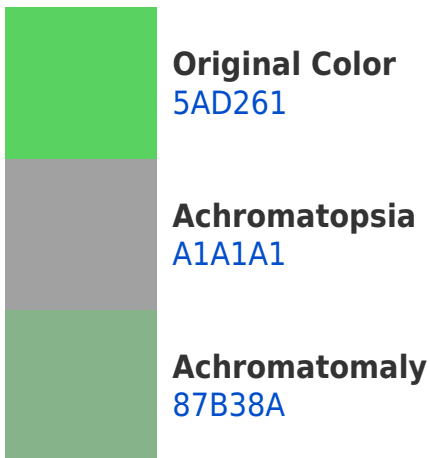


**Tritanopia**  
76C6D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AD261 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 #5AD261 looks like.

```
.text, #text, p{  
    color:#5AD261  
}
```

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 #5AD261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD261
}
```

## Border

The CSS property to change the border of an element to Hex 5AD261 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
#5AD261 }
```

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

```
.border{ border-color:#5AD261 }
```

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

Here you see how a box with a 4 pixel #5AD261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD261; -webkit-box-shadow:4px 4px  
4px 4px #5AD261; box-shadow:4px 4px 4px  
4px #5AD261 }
```

# Background

The CSS property to change the background color of an element to Hex 5AD261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD261 }
```

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

```
.background{ background-color:#5AD261 }
```

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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