

Converting Colors

Hex(5AD26A)

Have a look what the booklet for
Hex(5AD26A) contains.

Hex(5AD26A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AD26A)

Conversions

Conversions Part 1

Format	Color
Hex	5AD26A
RGB	90, 210, 106
RGB Percent	35%, 82%, 42%
CMY	0.6471, 0.1765, 0.5843
CMYK	0.57, 0.00, 0.50, 0.18
HSL	128°, 57%, 59%
HSV	128°, 57%, 82%
XYZ	29.8646, 49.3075, 21.5789
YIQ	162.2640, -38.1360, -57.7840

Conversions

Conversions Part 2

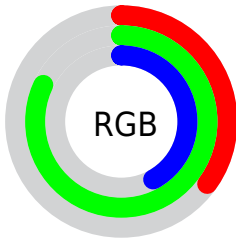
Format	Color
RYB	90, 196, 210
Decimal	5952106
CIELab	75.64, -55.09, 41.40
CIELCh	76, 68.911, 143.077
Yxy	49.3075, 0.2964, 0.4894
Android (android.graphics.Color)	4284142186 (0xFF5AD26A)
YUV	162.2640, -27.7382, -63.3755
Hunter-Lab	70.2193, -46.9669, 30.9332

Details

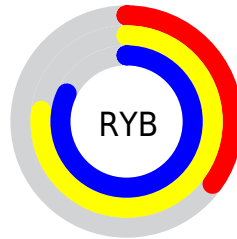
The Hex color **5AD26A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D25AC2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **95FF9F**, and **099A37** is the 20% darker color. If you saturate the color by 10%, you get **45D258**, and if you desaturate by 10%, it is **6FD27C**.

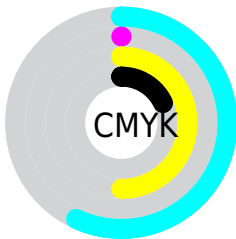
Distribution



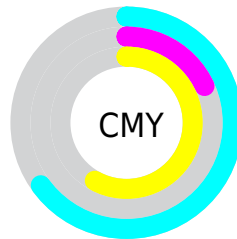
- Red (35%)
- Green (82%)
- Blue (42%)



- Red (35%)
- Yellow (77%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD26A 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 5AD26A by changing the saturation by 10% instead.

 5AD26A

 5AD26A

FFFFFF

 3AB650

 95FF9F

 099A37

 B3FFBB

 00801E

 D0FFD7

 006500

 EEEFF4

 004C00

 003500

 001C00

 000000

 5AD26A

 5AD26A

 45D258

 6FD27C

 30D246

 84D28E

 1BD233

 99D2A1

 06D221

 AED2B3

 00D21C

 C3D2C5

 D8D2D7

 EDD2E9

 FFD2FC

 FFD2FF

Harmonies

Analogous

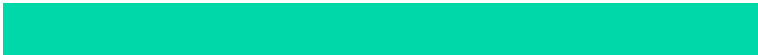
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACC63A



5AD26A



00D8A9

Triad

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



5AD26A



00C6FF



FF838C

Complementary

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



5AD26A



D25AC2

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.



FF80CC



5AD26A



A1B0FF

Square

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



5AD26A



00D3FF



F994FF



FF9955

Rectangle

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



5AD26A



00D9D5



F994FF



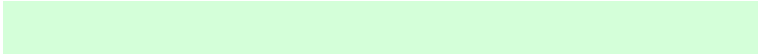
FF80A1

Sweetspot

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



5AD26A



D4FFD9



C2D25A



668069



000000



808080

Same Dimension

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



5AD26A



4FFF67



5AD2A6



5E695F



00A816



002905

Inverse Universe

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



D25AC2



FF4FE8



D25A86



695E67



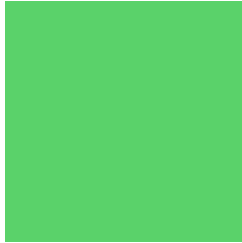
A80092



290023

Previews

White Background



This preview shows how the Hex color 5AD26A looks on a white background.

Color Contrast Check

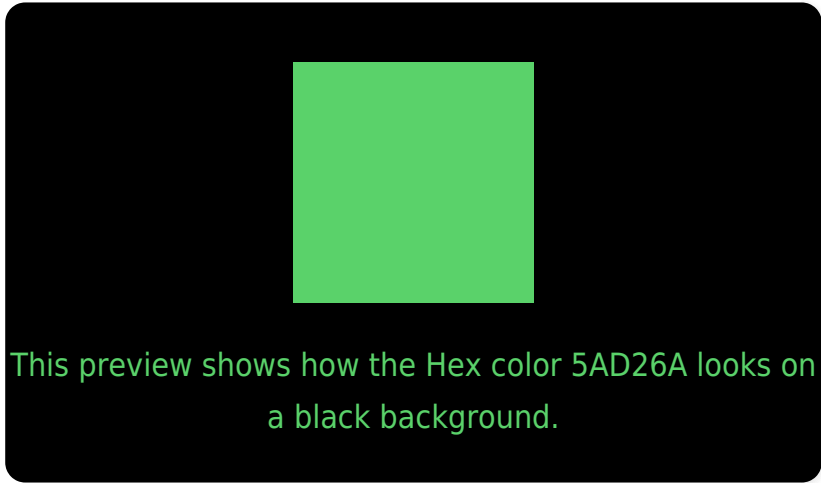
Large Text (above 18pt) WCAG AA × Fail

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

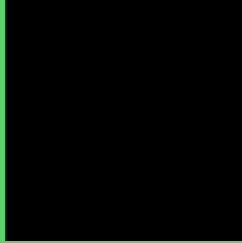
Any Text WCAG AA ✓ Pass

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 5AD26A Background



This preview shows how black text looks on a background with the Hex color 5AD26A.

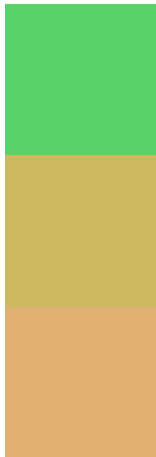


This preview shows how white text looks on a background with the Hex color 5AD26A.

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](#).

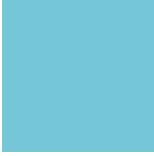
Dichromacy



Original Color
5AD26A

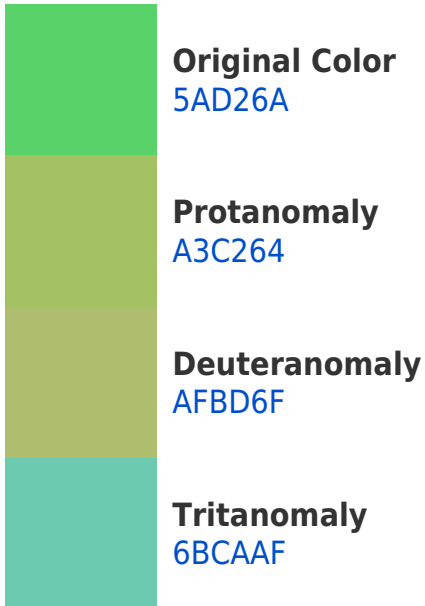
Protanopia
CCB961

Deuteranopia
E0B172

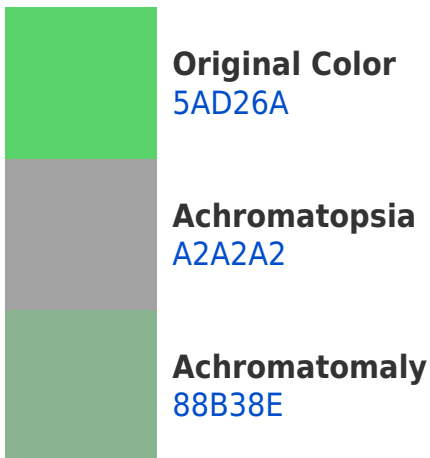


Tritanopia
75C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD26A 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 #5AD26A looks like.

```
.text, #text, p{  
    color:#5AD26A  
}
```

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 #5AD26A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD26A
}
```

Border

The CSS property to change the border of an element to Hex 5AD26A 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
#5AD26A }
```

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

```
.border{ border-color:#5AD26A }
```

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

Here you see how a box with a 4 pixel #5AD26A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD26A; -webkit-box-shadow:4px 4px  
4px 4px #5AD26A; box-shadow:4px 4px 4px  
4px #5AD26A }
```

Background

The CSS property to change the background color of an element to Hex 5AD26A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD26A }
```

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

```
.background{ background-color:#5AD26A }
```

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