

Converting Colors

Hex(5AD168)

Have a look what the booklet for
Hex(5AD168) contains.

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Color

Hex(5AD168)

Conversions

Conversions Part 1

Format	Color
Hex	5AD168
RGB	90, 209, 104
RGB Percent	35%, 82%, 41%
CMY	0.6471, 0.1804, 0.5922
CMYK	0.57, 0.00, 0.50, 0.18
HSL	127°, 56%, 59%
HSV	127°, 57%, 82%
XYZ	29.5156, 48.7741, 20.9554
YIQ	161.4490, -37.2190, -57.8830

Conversions

Conversions Part 2

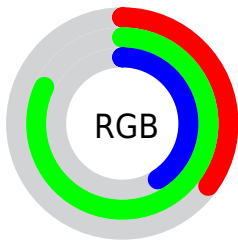
Format	Color
RYB	90, 196, 209
Decimal	5951848
CIELab	75.31, -54.99, 41.96
CIElCh	75, 69.170, 142.654
Yxy	48.7741, 0.2974, 0.4915
Android (android.graphics.Color)	4284141928 (0xFF5AD168)
YUV	161.4490, -28.3224, -62.6608
Hunter-Lab	69.8384, -46.7783, 31.0966

Details

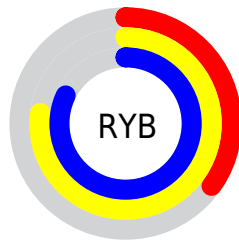
The Hex color **5AD168** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **D15AC3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **95FF9D**, and **0A9935** is the 20% darker color. If you saturate the color by 10%, you get **45D156**, and if you desaturate by 10%, it is **6FD17A**.

Distribution



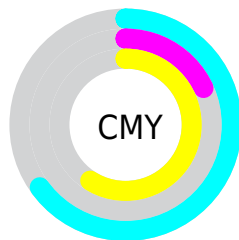
- Red (35%)
- Green (82%)
- Blue (41%)



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



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



- Cyan (65%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AD168 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 5AD168 by changing the saturation by 10% instead.

 5AD168

 5AD168

FFFFFF

 3AB54E

 95FF9D

 0A9935

 B3FFB9

 007F1B

 D0FFD5

 006500

 EEEFF1

 004B00

 003400

 001B00

 000000

 5AD168

 5AD168

 45D156

 6FD17A

 30D143

 84D18D

 1BD131

 99D19F

 06D11E

 AED1B2

 00D119

 C3D1C4

 D7D1D7

 ECD1E9

 FFD1FC

 FFD1FF

Harmonies

Analogous

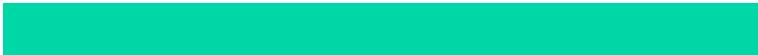
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACC538



5AD168



00D7A7

Triad

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



5AD168



00C5FF



FF828C

Complementary

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



5AD168



D15AC3

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.



FF7FCC



5AD168



9EAFFF

Square

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



5AD168



00D3FF



F894FF



FF9855

Rectangle

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



5AD168



00D8D3



F894FF



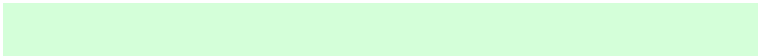
FF7EA1

Sweetspot

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



5AD168



D4FFD9



C3D15A



668069



000000



808080

Same Dimension

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



5AD168



52FF66



5AD1A3



5E695F



00A814



002905

Inverse Universe

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



D15AC3



FF52EB



D15A88



695E67



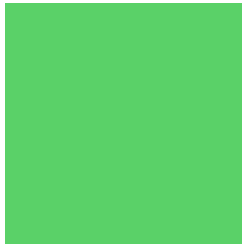
A80095



290024

Previews

White Background



This preview shows how the Hex color 5AD168 looks on a white background.

Color Contrast Check

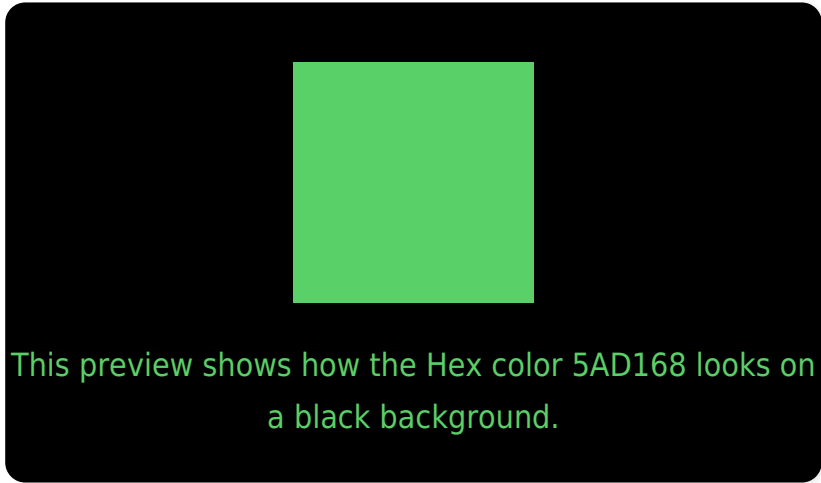
Large Text (above 18pt) WCAG AA × Fail

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 5AD168 Background



This preview shows how black text looks on a background with the Hex color 5AD168.

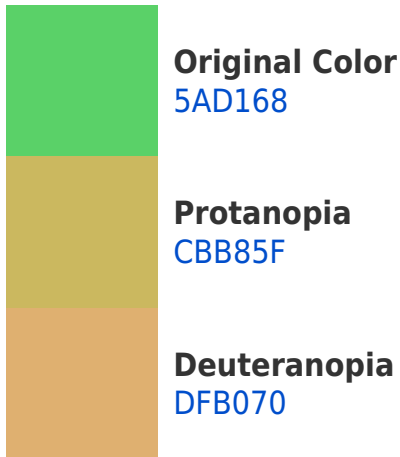


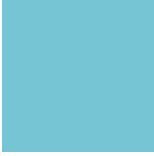
This preview shows how white text looks on a background with the Hex color 5AD168.

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](#).

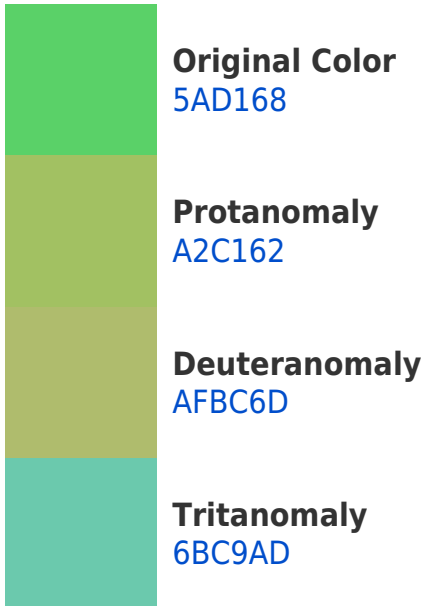
Dichromacy



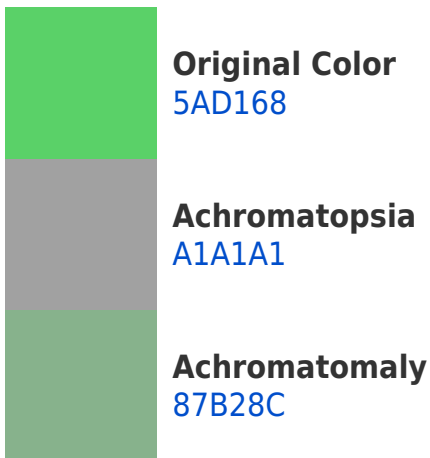


Tritanopia
75C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AD168 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 #5AD168 looks like.

```
.text, #text, p{  
    color:#5AD168  
}
```

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 #5AD168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD168
}
```

Border

The CSS property to change the border of an element to Hex 5AD168 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
#5AD168 }
```

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

```
.border{ border-color:#5AD168 }
```

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

Here you see how a box with a 4 pixel #5AD168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD168; -webkit-box-shadow:4px 4px  
4px 4px #5AD168; box-shadow:4px 4px 4px  
4px #5AD168 }
```

Background

The CSS property to change the background color of an element to Hex 5AD168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD168 }
```

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

```
.background{ background-color:#5AD168 }
```

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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