

Converting Colors

Hex(AAF25D)

Have a look what the booklet for
Hex(AAF25D) contains.

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Color

Hex(AAF25D)

Conversions

Conversions Part 1

Format	Color
Hex	AAF25D
RGB	170, 242, 93
RGB Percent	67%, 95%, 36%
CMY	0.3333, 0.0510, 0.6353
CMYK	0.30, 0.00, 0.62, 0.05
HSL	89°, 85%, 66%
HSV	89°, 62%, 95%
XYZ	50.3055, 72.8406, 21.7642
YIQ	203.4860, 4.9170, -61.6030

Conversions

Conversions Part 2

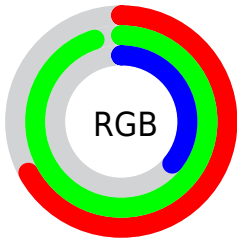
Format	Color
RYB	93, 242, 165
Decimal	11203165
CIELab	88.37, -45.43, 63.01
CIELCh	88, 77.682, 125.790
Yxy	72.8406, 0.3471, 0.5027
Android (android.graphics.Color)	4289393245 (0xFFAAF25D)
YUV	203.4860, -54.4696, -29.3672
Hunter-Lab	85.3467, -44.1444, 44.6232

Details

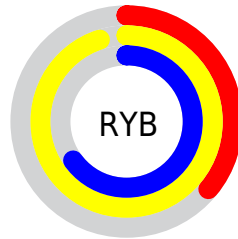
The Hex color **AAF25D** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **A55DF2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E5FF94**, and **71B922** is the 20% darker color. If you saturate the color by 10%, you get **9EF245**, and if you desaturate by 10%, it is **B6F275**.

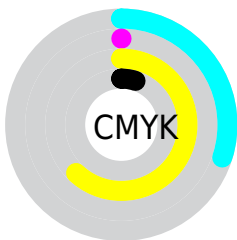
Distribution



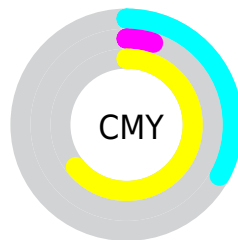
- Red (67%)
- Green (95%)
- Blue (36%)



- Red (36%)
- Yellow (95%)
- Blue (65%)



- Cyan (30%)
- Magenta (0%)
- Yellow (62%)
- Black (5%)



- Cyan (33%)
- Magenta (5%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAF25D 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 AAF25D by changing the saturation by 10% instead.

 AAF25D

 AAF25D

FFFFFF

 8DD541

 E5FF94

 71B922

 FFFFB1

 549E00

 FFFFCD

 378400

 FFFFEA

 146A00

 005100

 003900

 002400

 000000

 AAF25D

 AAF25D

 9EF245

 B6F275

 93F22D

 C1F28D

 87F214

 CDF2A6

 7DF200

 D9F2BE

 E4F2D6

 F0F2EE

 FCF2FF

 FFF2FF

Harmonies

Analogous

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



F8DF3B



AAF25D



05FD9E

Triad

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



AAF25D



00F5FF



FF98D2

Complementary

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



AAF25D



A55DF2

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.



FFA6FF



AAF25D



54E1FF

Square

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



AAF25D



00FFFF



F4C4FF



FFA78B

Rectangle

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



AAF25D



00FFD1



F4C4FF



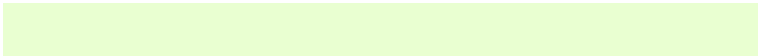
FF9AEB

Sweetspot

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



AAF25D



E9FFD1



F2A35D



728063



000000



808080

Same Dimension

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



AAF25D



A4FF42



62F25D



72786C



5FB800



1D3800

Inverse Universe

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



A55DF2



9D42FF



ED5DF2



726C78



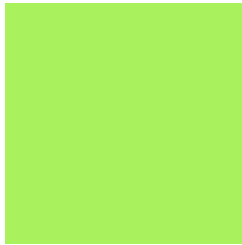
5900B8



1B0038

Previews

White Background



This preview shows how the Hex color AAF25D looks on a white background.

Color Contrast Check

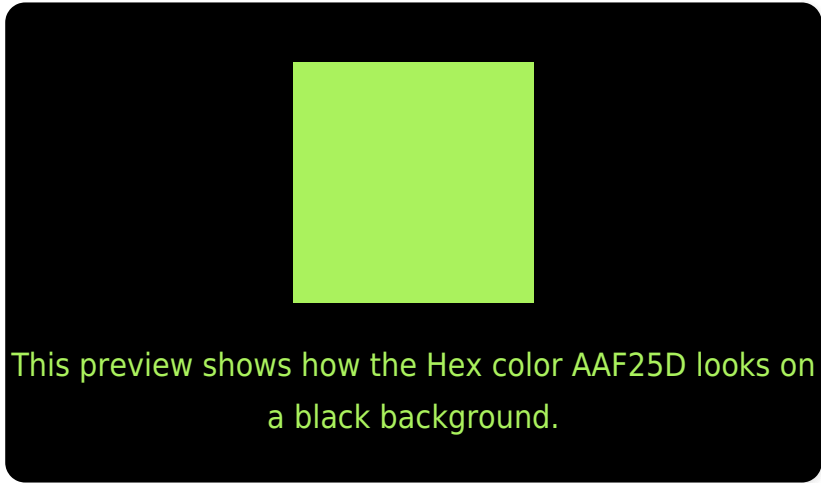
Large Text (above 18pt) WCAG AA × Fail

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 AAF25D Background



This preview shows how black text looks on a background with the Hex color AAF25D.

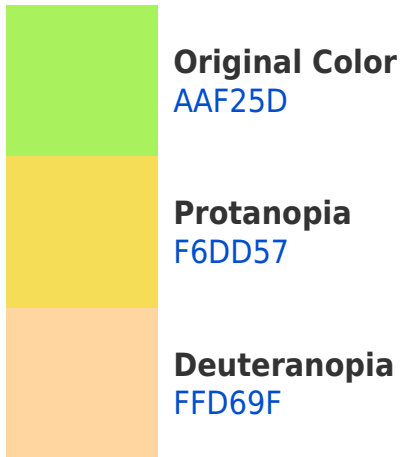


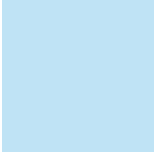
This preview shows how white text looks on a background with the Hex color AAF25D.

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](#).

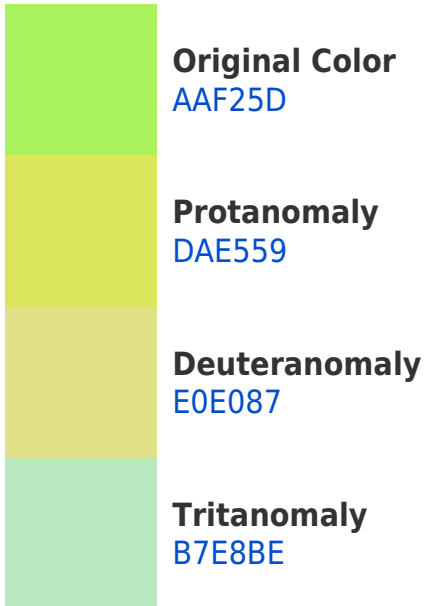
Dichromacy



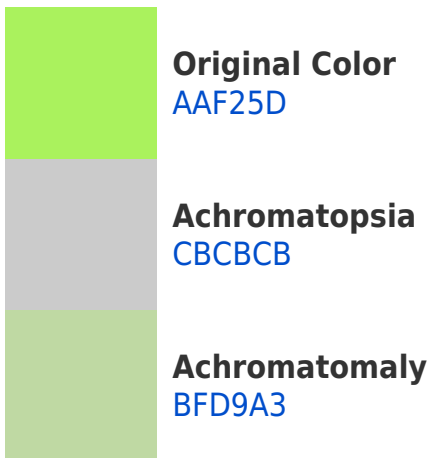


Tritanopia
BFE3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAF25D 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 #AAF25D looks like.

```
.text, #text, p{  
    color:#AAF25D  
}
```

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 #AAF25D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAF25D
}
```

Border

The CSS property to change the border of an element to Hex AAF25D 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
#AAF25D }
```

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

```
.border{ border-color:#AAF25D }
```

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

Here you see how a box with a 4 pixel #AAF25D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAF25D; -webkit-box-shadow:4px 4px  
4px 4px #AAF25D; box-shadow:4px 4px 4px  
4px #AAF25D }
```

Background

The CSS property to change the background color of an element to Hex AAF25D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF25D }
```

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

```
.background{ background-color:#AAF25D }
```

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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