

Converting Colors

Hex(A5D567)

Have a look what the booklet for
Hex(A5D567) contains.

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Color

Hex(A5D567)

Conversions

Conversions Part 1

Format	Color
Hex	A5D567
RGB	165, 213, 103
RGB Percent	65%, 84%, 40%
CMY	0.3529, 0.1647, 0.5961
CMYK	0.23, 0.00, 0.52, 0.16
HSL	86°, 57%, 62%
HSV	86°, 52%, 84%
XYZ	41.7595, 56.5671, 21.5496
YIQ	186.1080, 6.7020, -44.3860

Conversions

Conversions Part 2

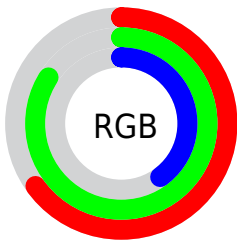
Format	Color
RYB	103, 213, 151
Decimal	10868071
CIELab	79.94, -33.41, 48.85
CIELCh	80, 59.182, 124.364
Yxy	56.5671, 0.3484, 0.4719
Android (android.graphics.Color)	4289058151 (0xFFA5D567)
YUV	186.1080, -40.9722, -18.5117
Hunter-Lab	75.2111, -32.5108, 35.6600

Details

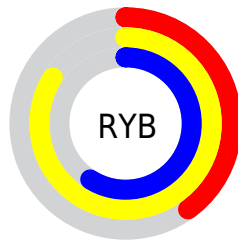
The Hex color **A5D567** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9767D5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **DEFF9D**, and **6E9E33** is the 20% darker color. If you saturate the color by 10%, you get **9CD552**, and if you desaturate by 10%, it is **AED57C**.

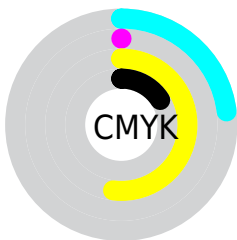
Distribution



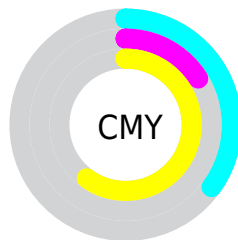
- Red (65%)
- Green (84%)
- Blue (40%)



- Red (40%)
- Yellow (84%)
- Blue (59%)



- Cyan (23%)
- Magenta (0%)
- Yellow (52%)
- Black (16%)



- Cyan (35%)
- Magenta (16%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5D567 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 A5D567 by changing the saturation by 10% instead.

 A5D567

 A5D567

FFFFFF

 89B94D

 DEFF9D

 6E9E33

 FBFFB8

 548417

 FFFFD4

 396A00

 FFFFF1

 1F5200

 003A00

 002500

 000000

 A5D567

 A5D567

 9CD552

 AED57C

 92D53C

 B8D592

 89D527

 C1D5A7

 80D512

 CAD5BC

 78D500

 D3D5D2

 DDD5E7

 E6D5FC

 EFD5FF

 F9D5FF

Harmonies

Analogous

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



DFC653



A5D567



57DE94

Triad

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



A5D567



00D8FF



FF97C0

Complementary

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



A5D567



9767D5

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.



FFA0F7



A5D567



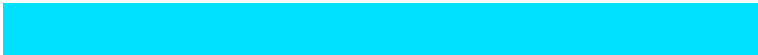
70C9FF

Square

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



A5D567



00E0FF



D5B4FF



FF9F8B

Rectangle

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



A5D567



00E1BA



D5B4FF



FF98D3

Sweetspot

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



A5D567



EEFFD9



D59767



758069



000000



808080

Same Dimension

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



A5D567



BAFF61



6ED567



666B60



60AB00



182B00

Inverse Universe

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



9767D5



A661FF



CE67D5



65606B



4B00AB



13002B

Previews

White Background



This preview shows how the Hex color A5D567 looks on a white background.

Color Contrast Check

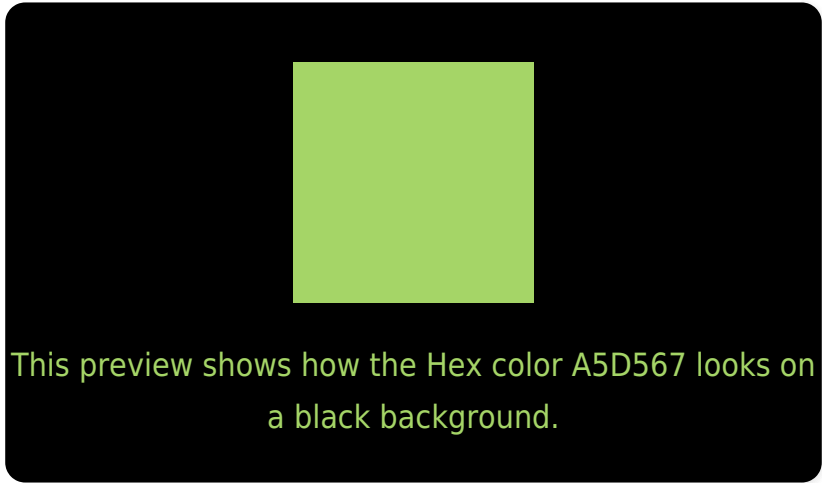
Large Text (above 18pt) WCAG AA × Fail

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 A5D567 Background



This preview shows how black text looks on a background with the Hex color A5D567.

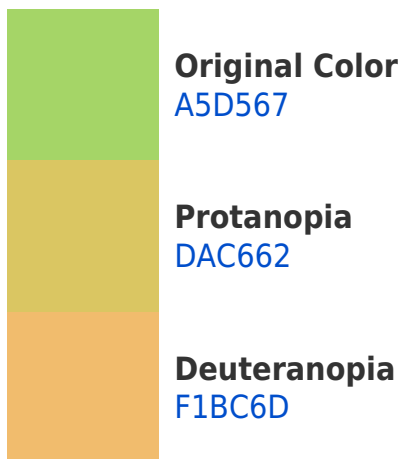


This preview shows how white text looks on a background with the Hex color A5D567.

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
B4C9D9

Trichromacy



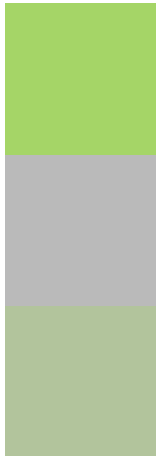
Original Color
A5D567

Protanomaly
C7CB64

Deuteranomaly
D5C56B

Tritanomaly
AFCDB0

Monochromacy



Original Color
A5D567

Achromatopsia
BABABA

Achromatomaly
B2C49C

CSS Examples

Text

The CSS property to change the color of the text to Hex A5D567 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 #A5D567 looks like.

```
.text, #text, p{  
    color:#A5D567  
}
```

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 #A5D567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5D567
}
```

Border

The CSS property to change the border of an element to Hex A5D567 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
#A5D567 }
```

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

```
.border{ border-color:#A5D567 }
```

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

Here you see how a box with a 4 pixel #A5D567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5D567; -webkit-box-shadow:4px 4px  
4px 4px #A5D567; box-shadow:4px 4px 4px  
4px #A5D567 }
```

Background

The CSS property to change the background color of an element to Hex A5D567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5D567 }
```

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

```
.background{ background-color:#A5D567 }
```

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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