

Converting Colors

Hex(A5ED15)

Have a look what the booklet for
Hex(A5ED15) contains.

| | |
|--|----|
| Hex(A5ED15) | 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(A5ED15)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A5ED15 |
| RGB | 165, 237, 21 |
| RGB Percent | 65%, 93%, 8% |
| CMY | 0.3529, 0.0706, 0.9176 |
| CMYK | 0.30, 0.00, 0.91, 0.07 |
| HSL | 80°, 86%, 51% |
| HSV | 80°, 91%, 93% |
| XYZ | 45.9366, 68.6218, 11.5337 |
| YIQ | 190.8480, 26.4240, -82.4400 |

Conversions

Conversions Part 2

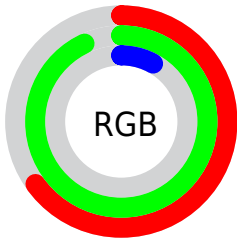
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 21, 237, 93 |
| Decimal | 10874133 |
| CIE Lab | 86.32, -48.64, 81.78 |
| CIE LCh | 86, 95.147, 120.742 |
| Yxy | 68.6218, 0.3643, 0.5442 |
| Android (android.graphics.Color) | 4289064213 (0xFFA5ED15) |
| YUV | 190.8480, -83.7351, -22.6687 |
| Hunter-Lab | 82.8383, -45.9829, 49.7318 |

Details

The Hex color **A5ED15** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **5D15ED**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E1FF60**, and **6AB500** is the 20% darker color. If you saturate the color by 10%, you get **9EED00**, and if you desaturate by 10%, it is **ADED2D**.

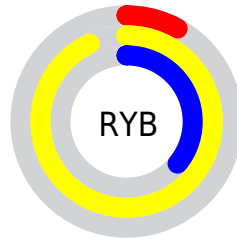
Distribution



Red (65%)

Green (93%)

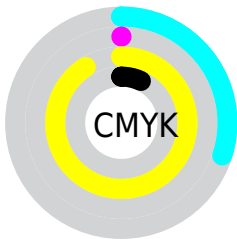
Blue (8%)



Red (8%)

Yellow (93%)

Blue (36%)

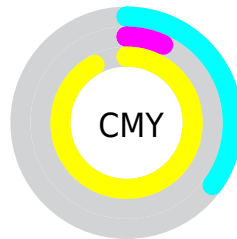


Cyan (30%)

Magenta (0%)

Yellow (91%)

Black (7%)



Cyan (35%)

Magenta (7%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5ED15 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 A5ED15 by changing the saturation by 10% instead.

 A5ED15

 A5ED15

FFFFFF

 87D000

 E1FF60

 6AB500

 FFFF7E

 4B9900

 FFFF9B

 2B7F00

 FFFFB9

 006500

 FFFFD7

 004D00

 FFFFF5

 003500

 001E00

 000000

 A5ED15

 A5ED15

 9EED00

 ADED2D

 B5ED44

 BDED5C

 C5ED74

 CCED8B

 D4EDA3

 DCEDBB

 E4EDD3

 ECEDEA

Harmonies

Analogous

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



FFD500



A5ED15



00FB7A

Triad

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



A5ED15



00F7FF



FF76DA

Complementary

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



A5ED15



5D15ED

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.



FF93FF



A5ED15



00E2FF

Square

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



A5ED15



00FFFF



D6BFFF



FF8881

Rectangle

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



A5ED15



00FFB8



D6BFFF



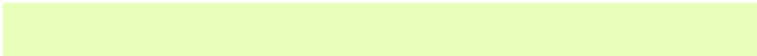
FF7BF8

Sweetspot

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



A5ED15



E8FFBA



ED5D15



728057



000000



808080

Same Dimension

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



A5ED15



AAFF00



39ED15



71756A



79B500



243600

Inverse Universe

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



5D15ED



5500FF



C915ED



6D6A75



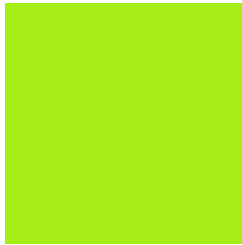
3C00B5



120036

Previews

White Background



This preview shows how the Hex color A5ED15 looks on a white background.

Color Contrast Check

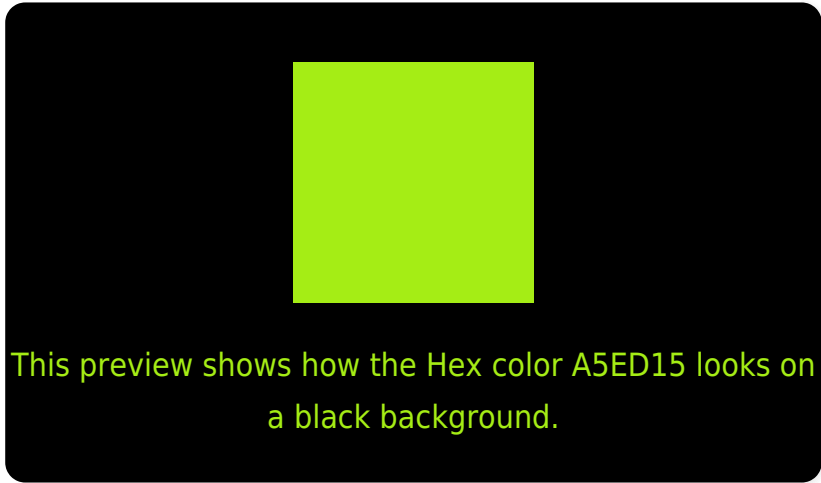
Large Text (above 18pt) WCAG AA × Fail

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 A5ED15 Background



This preview shows how black text looks on a background with the Hex color A5ED15.

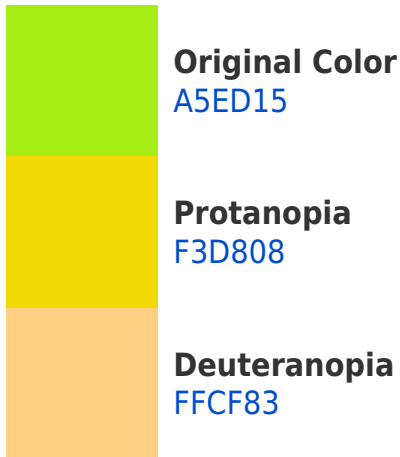


This preview shows how white text looks on a background with the Hex color A5ED15.

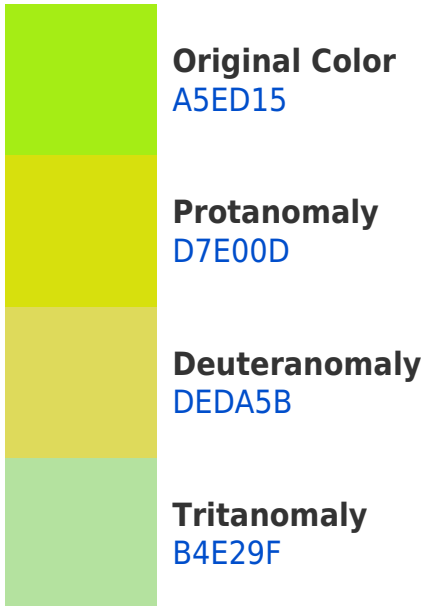
Color Blindness Simulation

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](#).

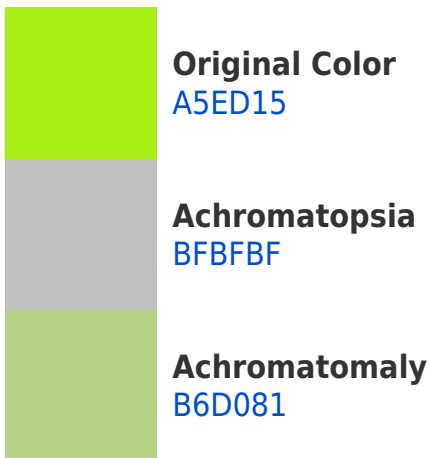
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A5ED15 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 #A5ED15 looks like.

```
.text, #text, p{  
    color:#A5ED15  
}
```

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 #A5ED15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5ED15  
}
```

Border

The CSS property to change the border of an element to Hex A5ED15 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  
#A5ED15 }
```

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

```
.border{ border-color:#A5ED15 }
```

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

Here you see how a box with a 4 pixel #A5ED15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5ED15; -webkit-box-shadow:4px 4px  
4px 4px #A5ED15; box-shadow:4px 4px 4px  
4px #A5ED15 }
```

Background

The CSS property to change the background color of an element to Hex A5ED15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5ED15 }
```

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

```
.background{ background-color:#A5ED15 }
```

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