

Converting Colors

Hex(A5A300)

Have a look what the booklet for
Hex(A5A300) contains.

| | |
|--|----|
| Hex(A5A300) | 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> | 28 |

Color

Hex(A5A300)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A5A300 |
| RGB | 165, 163, 0 |
| RGB Percent | 65%, 64%, 0% |
| CMY | 0.3529, 0.3608, 1.0000 |
| CMYK | 0.00, 0.01, 1.00, 0.35 |
| HSL | 59°, 100%, 32% |
| HSV | 59°, 100%, 65% |
| XYZ | 28.6142, 34.1937, 5.0919 |
| YIQ | 145.0160, 53.5150, -50.2690 |

Conversions

Conversions Part 2

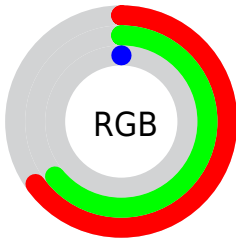
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 2, 165, 0 |
| Decimal | 10855168 |
| CIE Lab | 65.12, -14.53, 67.80 |
| CIE LCh | 65, 69.339, 102.096 |
| Yxy | 34.1937, 0.4214, 0.5036 |
| Android (android.graphics.Color) | 4289045248 (0xFFA5A300) |
| YUV | 145.0160, -71.4929, 17.5260 |
| Hunter-Lab | 58.4754, -14.9851, 35.7699 |

Details

The Hex color **A5A300** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0002A5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **E0DA4B**, and **6D7000** is the 20% darker color. If you saturate the color by 10%, you get **A5A300**, and if you desaturate by 10%, it is **A5A310**.

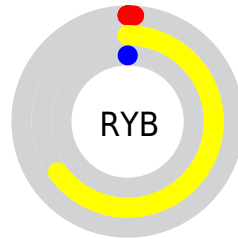
Distribution



Red (65%)

Green (64%)

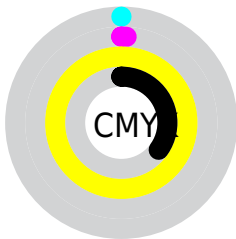
Blue (0%)



Red (1%)

Yellow (65%)

Blue (0%)

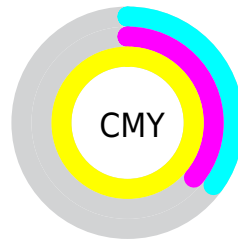


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5A300 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 A5A300 by changing the saturation by 10% instead.

 A5A300

 A5A300

FFFFFF

 888900

 E0DA4B

 6D7000

 FEF667

 515700

 FFFF83

 374000

 FFFF9F

 1D2A00

 FFFFBB

 001700

 FFFFD8

 000000

 FFFFF6

 A5A300

 A5A310

 A5A321

 A5A432

 A5A442

 A5A452

 A5A463

 A5A473

 A5A584

 A5A594

Harmonies

Analogous

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



DB8D19



A5A300



5FB139

Triad

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



A5A300



00B9F0



FA67C6

Complementary

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



A5A300



0002A5

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.



C182FB



A5A300



00AFFF

Square

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



A5A300



00BBB6



439DFF



FF6087

Rectangle

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



A5A300



00B761



439DFF



EC6FD9

Sweetspot

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



A5A300



D6D596



A50003



6B6B45



EBEBEB



6B6B6B

Same Dimension

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



A5A300



D6D400



55A500



525249



919000



121200

Inverse Universe

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



0002A5



0003D6



5000A5



494A52



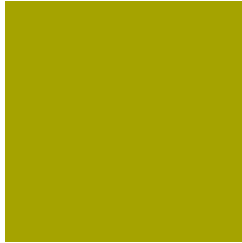
000291



000012

Previews

White Background



This preview shows how the Hex color A5A300 looks on a white background.

Color Contrast Check

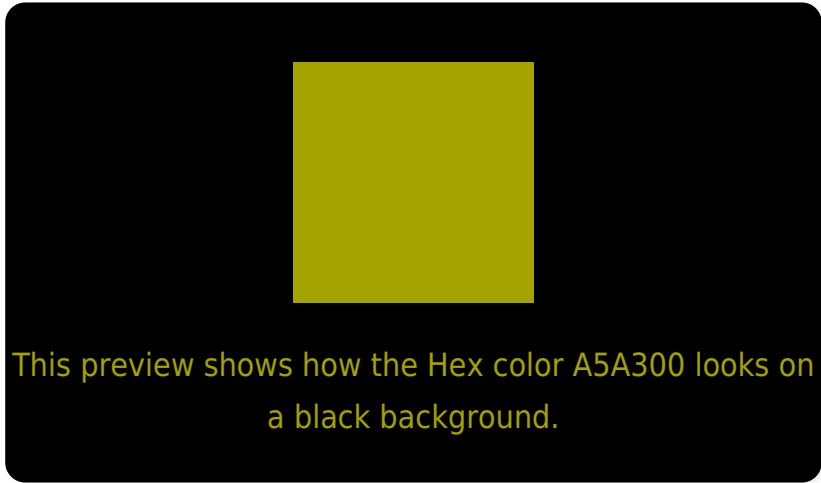
Large Text (above 18pt) WCAG AA × Fail

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 A5A300 Background



This preview shows how black text looks on a background with the Hex color A5A300.



This preview shows how white text looks on a background with the Hex color A5A300.

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
A5A300

Deuteranopia
C79618

Tritanopia
B097A3

Trichromacy



Original Color
A5A300

Deuteranomaly
BB9B0F

Tritanomaly
AC9B68

Monochromacy



Original Color
A5A300

Achromatopsia
919191

Achromatomaly
98985C

CSS Examples

Text

The CSS property to change the color of the text to Hex A5A300 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 #A5A300 looks like.

```
.text, #text, p{  
    color:#A5A300  
}
```

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 #A5A300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5A300
}
```

Border

The CSS property to change the border of an element to Hex A5A300 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
#A5A300 }
```

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

```
.border{ border-color:#A5A300 }
```

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

Here you see how a box with a 4 pixel #A5A300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5A300; -webkit-box-shadow:4px 4px  
4px 4px #A5A300; box-shadow:4px 4px 4px  
4px #A5A300 }
```

Background

The CSS property to change the background color of an element to Hex A5A300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5A300 }
```

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

```
.background{ background-color:#A5A300 }
```

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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