

Converting Colors

Hex(AA93E4)

Have a look what the booklet for
Hex(AA93E4) contains.

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Color

Hex(AA93E4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AA93E4 |
| RGB | 170, 147, 228 |
| RGB Percent | 67%, 58%, 89% |
| CMY | 0.3333, 0.4235, 0.1059 |
| CMYK | 0.25, 0.36, 0.00, 0.11 |
| HSL | 257°, 60%, 74% |
| HSV | 257°, 36%, 89% |
| XYZ | 41.0149, 35.0149, 77.9956 |
| YIQ | 163.1110, -12.2930, 30.0670 |

Conversions

Conversions Part 2

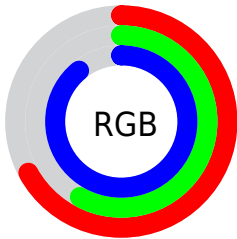
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 170, 147, 228 |
| Decimal | 11178980 |
| CIE _{Lab} | 65.76, 25.42, -37.98 |
| CIE _{LCh} | 66, 45.707, 303.793 |
| Yxy | 35.0149, 0.2663, 0.2273 |
| Android (android.graphics.Color) | 4289369060 (0xFFAA93E4) |
| YUV | 163.1110, 31.9903, 6.0417 |
| Hunter-Lab | 59.1734, 20.1703, -36.7279 |

Details

The Hex color **AA93E4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CDE493**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E3C9FF**, and **7460AC** is the 20% darker color. If you saturate the color by 10%, you get **9A7CE4**, and if you desaturate by 10%, it is **BAAAE4**.

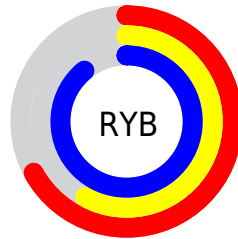
Distribution



Red (67%)

Green (58%)

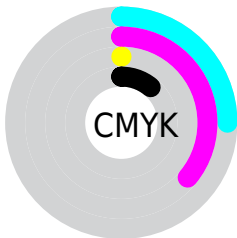
Blue (89%)



Red (67%)

Yellow (58%)

Blue (89%)

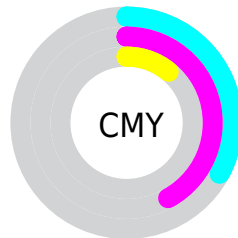


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (33%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA93E4 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 AA93E4 by changing the saturation by 10% instead.

■ AA93E4

■ AA93E4

FFFFFF

■ 8F79C8

■ E3C9FF

■ 7460AC

■ FFE5FF

■ 5A4891

■ 403177

■ 261C5E

■ 090646

■ 00002F

■ 000119

■ 000000

AA93E4

AA93E4

9A7CE4

BAAAE4

8965E4

CBC1E4

794FE4

DBD7E4

6938E4

EBEEE4

5821E4

FCFFE4

480AE4

FFFFE4

4100E4

Harmonies

Analogous

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



64A2F1



AA93E4



D784C5

Triad

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



AA93E4



D59156



00B5A4

Complementary

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



AA93E4



CDE493

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.



53B27A



AA93E4



B49F4C

Square

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



AA93E4



EA8374



89AB59



00B4CC

Rectangle

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



AA93E4



E77EAA



89AB59



0CB496

Sweetspot

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



AA93E4



EBE3FF



93CDE4



746F80



000000



808080

Same Dimension

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



AA93E4



B091FF



D293E4



6B6773



3300B3



0E0033

Inverse Universe

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



E493CD



FF91E0



A5E493



73676F



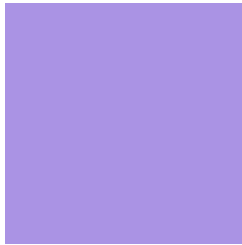
B30080



330025

Previews

White Background



This preview shows how the Hex color AA93E4 looks on a white background.

Color Contrast Check

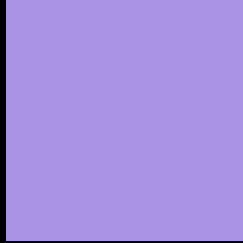
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AA93E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

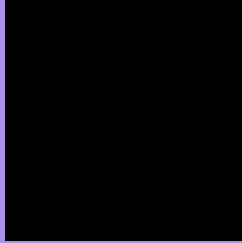
Any Text WCAG AA ✓ Pass

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 AA93E4 Background



This preview shows how black text looks on a background with the Hex color AA93E4.

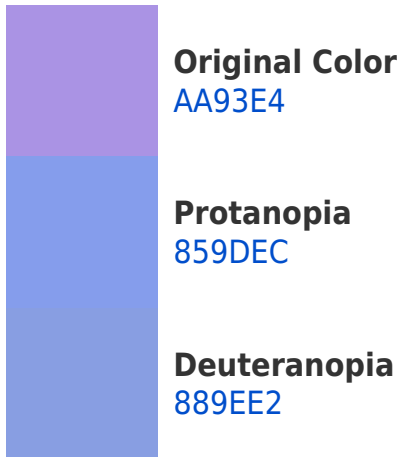


This preview shows how white text looks on a background with the Hex color AA93E4.

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](#).

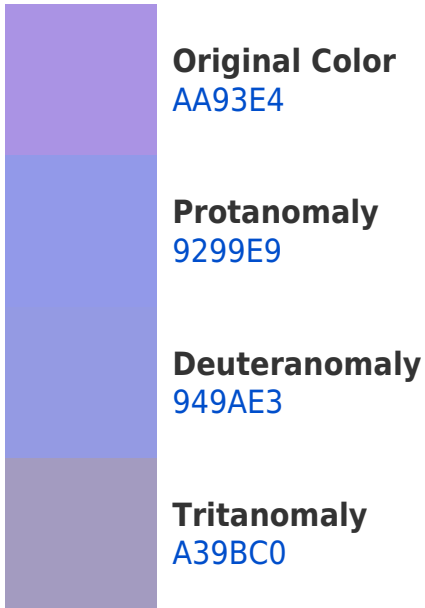
Dichromacy



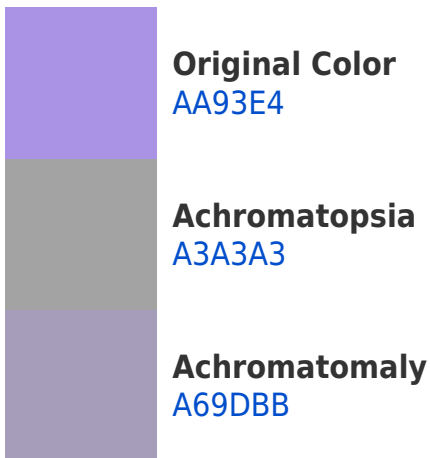


Tritanopia
9F9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA93E4 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 #AA93E4 looks like.

```
.text, #text, p{  
    color:#AA93E4  
}
```

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 #AA93E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA93E4
}
```

Border

The CSS property to change the border of an element to Hex AA93E4 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
#AA93E4 }
```

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

```
.border{ border-color:#AA93E4 }
```

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

Here you see how a box with a 4 pixel #AA93E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA93E4; -webkit-box-shadow:4px 4px  
4px 4px #AA93E4; box-shadow:4px 4px 4px  
4px #AA93E4 }
```

Background

The CSS property to change the background color of an element to Hex AA93E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA93E4 }
```

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

```
.background{ background-color:#AA93E4 }
```

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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