

# Converting Colors

Hex(A28EE3)

Have a look what the booklet for  
Hex(A28EE3) contains.

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# **Color**

**Hex(A28EE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A28EE3
RGB	162, 142, 227
RGB Percent	64%, 56%, 89%
CMY	0.3647, 0.4431, 0.1098
CMYK	0.29, 0.37, 0.00, 0.11
HSL	254°, 60%, 72%
HSV	254°, 37%, 89%
XYZ	38.4384, 32.5734, 76.9344
YIQ	157.6700, -15.3650, 30.6750

# Conversions

## Conversions Part 2

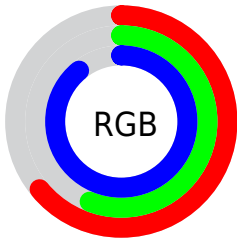
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 142, 227</a>
Decimal	<a href="#">10653411</a>
CIELab	<a href="#">63.81, 25.73, -40.53</a>
CIElCh	<a href="#">64, 48.002, 302.410</a>
Yxy	<a href="#">32.5734, 0.2598, 0.2202</a>
Android (android.graphics.Color)	<a href="#">4288843491 (0xFFA28EE3)</a>
YUV	<a href="#">157.6700, 34.1797, 3.7974</a>
Hunter-Lab	<a href="#">57.0731, 20.3407, -39.9715</a>

# Details

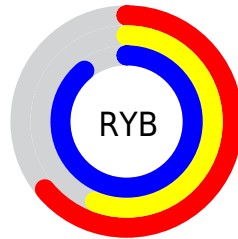
The Hex color **A28EE3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CFE38E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **DAC4FF**, and **6C5CAB** is the 20% darker color. If you saturate the color by 10%, you get **9177E3**, and if you desaturate by 10%, it is **B3A5E3**.

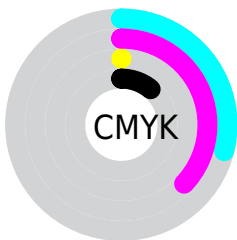
# Distribution



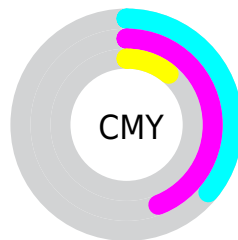
- Red (64%)
- Green (56%)
- Blue (89%)



- Red (64%)
- Yellow (56%)
- Blue (89%)



- Cyan (29%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (44%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A28EE3 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 A28EE3 by changing the saturation by 10% instead.



 A28EE3

 A28EE3

FFFFFF

 8774C7

 DAC4FF

 6C5CAB

 F8E0FF

 524490


 FFFDFD

 382D76

 1C185D

 000145


 00042E

 000118

 000000

 A28EE3

 A28EE3

 9177E3

 B3A5E3

 7F61E3

 C5BBE3

 6E4AE3

 D6D2E3

 5D33E3

 E7E9E3

 4B1DE3

 F9FFE3

 3A06E3

 FFFFE3

 3500E3

# Harmonies

## Analogous

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



539EF0



A28EE3



D27EC3

# Triad

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



A28EE3



D38A4F



00B09D

# Complementary

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



A28EE3



CFE38E

# 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.



4BAD71



A28EE3



B09942

# Square

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



A28EE3



E87C6F



84A54F



00AFC7

# Rectangle

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



A28EE3



E477A7



84A54F



00B08E



# Sweetspot

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



A28EE3



EAE3FF



8ECFE3



736F80



000000



808080



# Same Dimension

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



A28EE3



A78CFF



CC8EE3



6A6773



2A00B3



0C0033



# Inverse Universe

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



E38ECF



FF8CE4



A5E38E



736770



B30089

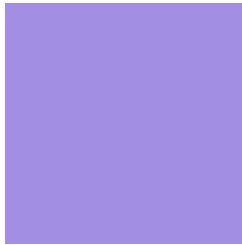


330027



# Previews

## White Background



This preview shows how the Hex color A28EE3 looks on a white background.

## Color Contrast Check

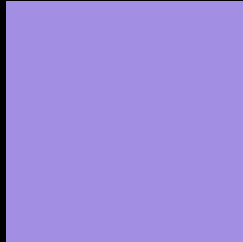
Large Text (above 18pt) WCAG AA × Fail

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 A28EE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

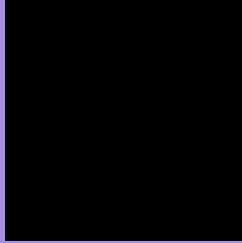
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A28EE3 Background



This preview shows how black text looks on a background with the Hex color A28EE3.

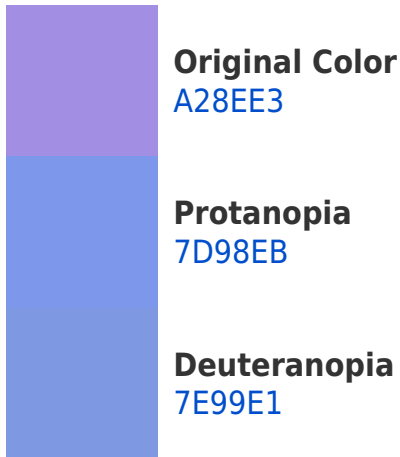


This preview shows how white text looks on a background with the Hex color A28EE3.

# 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](#).

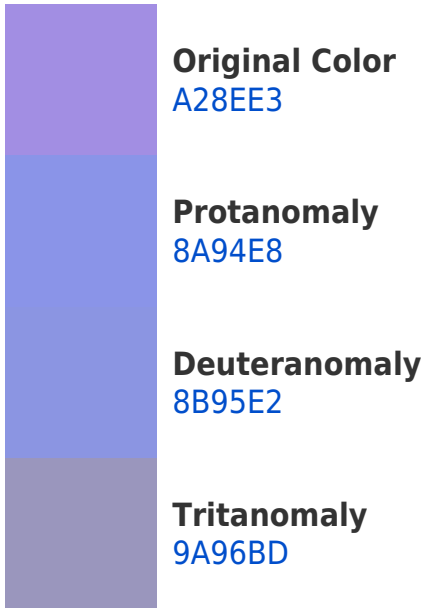
## Dichromacy



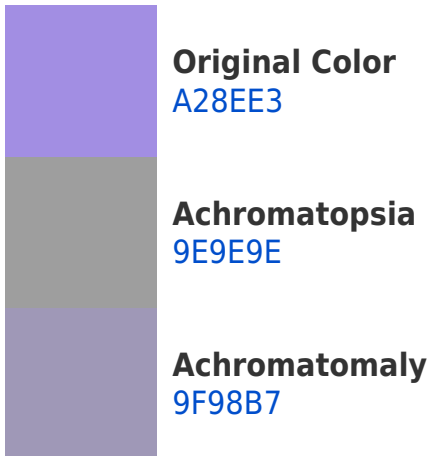


**Tritanopia**  
969BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A28EE3 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 #A28EE3 looks like.

```
.text, #text, p{  
    color:#A28EE3  
}
```

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 #A28EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A28EE3
}
```

## Border

The CSS property to change the border of an element to Hex A28EE3 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
#A28EE3 }
```

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

```
.border{ border-color:#A28EE3 }
```

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

Here you see how a box with a 4 pixel #A28EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A28EE3; -webkit-box-shadow:4px 4px  
4px 4px #A28EE3; box-shadow:4px 4px 4px  
4px #A28EE3 }
```

# Background

The CSS property to change the background color of an element to Hex A28EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A28EE3 }
```

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

```
.background{ background-color:#A28EE3 }
```

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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