

# Converting Colors

Hex(A36FEA)

Have a look what the booklet for  
Hex(A36FEA) contains.

<b>Hex(A36FEA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A36FEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A36FEA
RGB	163, 111, 234
RGB Percent	64%, 44%, 92%
CMY	0.3608, 0.5647, 0.0824
CMYK	0.30, 0.53, 0.00, 0.08
HSL	265°, 75%, 68%
HSV	265°, 53%, 92%
XYZ	35.6400, 25.0959, 80.8075
YIQ	140.5700, -8.4910, 49.2770

# Conversions

## Conversions Part 2

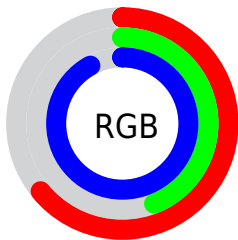
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 111, 234
Decimal	10711018
CIE <sub>Lab</sub>	57.17, 45.17, -54.92
CIE <sub>LCh</sub>	57, 71.112, 309.435
Yxy	25.0959, 0.2518, 0.1773
Android (android.graphics.Color)	4288901098 (0xFFA36FEA)
YUV	140.5700, 46.0610, 19.6711
Hunter-Lab	50.0958, 39.3236, -60.5711

# Details

The Hex color **A36FEA** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B6EA6F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **DDA4FF**, and **6B3DB1** is the 20% darker color. If you saturate the color by 10%, you get **9558EA**, and if you desaturate by 10%, it is **B186EA**.

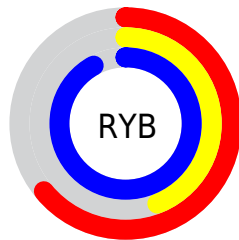
# Distribution



Red (64%)

Green (44%)

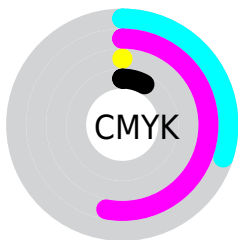
Blue (92%)



Red (64%)

Yellow (44%)

Blue (92%)

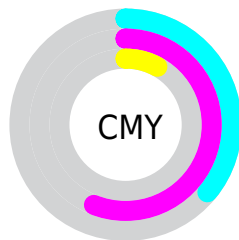


Cyan (30%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (56%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36FEA 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 A36FEA by changing the saturation by 10% instead.



 A36FEA

 A36FEA

FFFFFF

 8756CD

 DDA4FF

 6B3DB1

 FAC0FF

 4F2496

 FFDCFF

 33097C

 FFF9FF

 100062

 00004A

 000432

 00011C

 000000

 A36FEA

 A36FEA

 9558EA

 B186EA

 8840EA

 BE9EEA

 7A29EA

 CCB5EA

 6D11EA

 D9CDEA

 6300EA

 E7E4EA

 F4FBEA

 FFFFEA

# Harmonies

## Analogous

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



008AFF



A36FEA



E150B6

# Triad

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



A36FEA



C77600



00A59C

# Complementary

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



A36FEA



B6EA6F

# 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.



00A25B



A36FEA



938D00

# Square

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



A36FEA



EB593D



4E9B18



00A4D7

# Rectangle

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



A36FEA



F3438D



4E9B18



00A586



# Sweetspot

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



A36FEA



E7D6FF



6FB7EA



726780



000000



808080



# Same Dimension

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



A36FEA



A25EFF



E06FEA



6F6A75



4D00B5



170036



# Inverse Universe

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



EA6FB6



FF5EBB



79EA6F



756A70



B50069

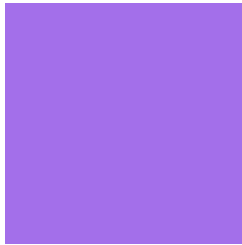


36001F



# Previews

## White Background



This preview shows how the Hex color A36FEA looks on a white background.

## Color Contrast Check

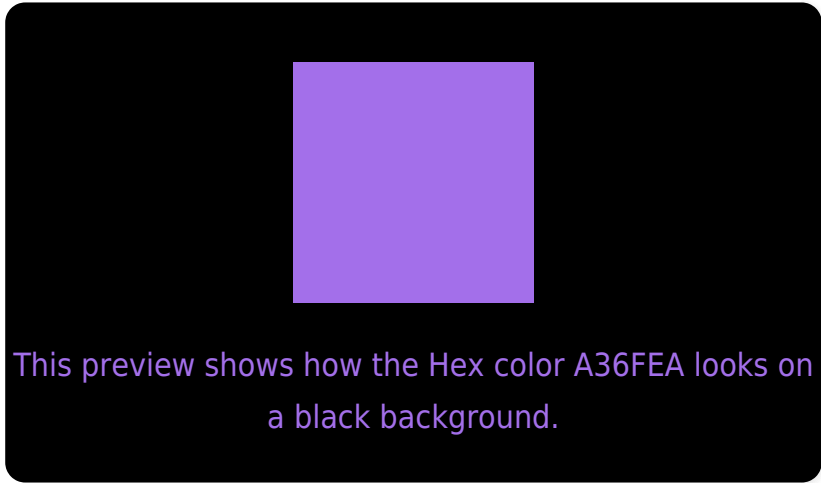
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex A36FEA Background



This preview shows how black text looks on a background with the Hex color A36FEA.

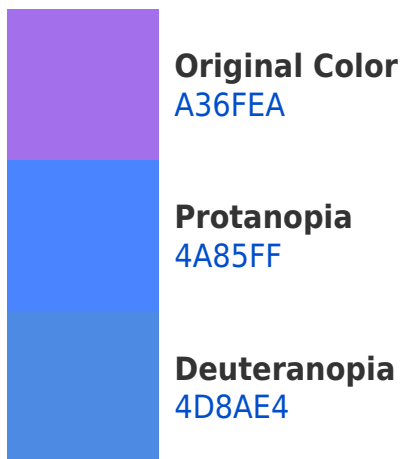


This preview shows how white text looks on a background with the Hex color A36FEA.

# 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](#).

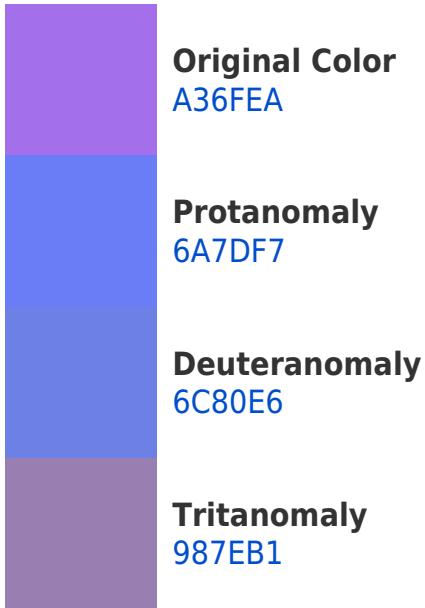
## Dichromacy



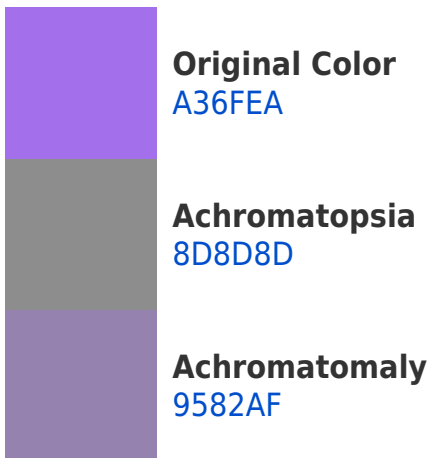


**Tritanopia**  
928690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36FEA 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 #A36FEA looks like.

```
.text, #text, p{  
    color:#A36FEA  
}
```

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 #A36FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36FEA
}
```

## Border

The CSS property to change the border of an element to Hex A36FEA 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
#A36FEA }
```

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

```
.border{ border-color:#A36FEA }
```

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

Here you see how a box with a 4 pixel #A36FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36FEA; -webkit-box-shadow:4px 4px  
4px 4px #A36FEA; box-shadow:4px 4px 4px  
4px #A36FEA }
```

# Background

The CSS property to change the background color of an element to Hex A36FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36FEA }
```

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

```
.background{ background-color:#A36FEA }
```

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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