

Converting Colors

Hex(FEE36A)

Have a look what the booklet for
Hex(FEE36A) contains.

Hex(FEE36A)	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(FEE36A)

Conversions

Conversions Part 1

Format	Color
Hex	FEE36A
RGB	254, 227, 106
RGB Percent	100%, 89%, 42%
CMY	0.0039, 0.1098, 0.5843
CMYK	0.00, 0.11, 0.58, 0.00
HSL	49°, 99%, 71%
HSV	49°, 58%, 100%
XYZ	70.9437, 77.0496, 24.7686
YIQ	221.2790, 54.9330, -31.9070

Conversions

Conversions Part 2

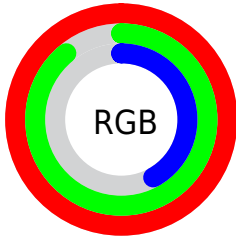
Format	Color
RYB	139, 254, 106
Decimal	16704362
CIELab	90.34, -4.83, 61.26
CIELCh	90, 61.453, 94.506
Yxy	77.0496, 0.4106, 0.4460
Android (android.graphics.Color)	4294894442 (0xFFFE36A)
YUV	221.2790, -56.8325, 28.6963
Hunter-Lab	87.7779, -9.3445, 44.7145

Details

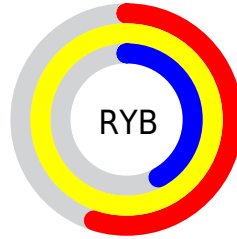
The Hex color **FEE36A** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6A85FE**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFA1**, and **C2AC33** is the 20% darker color. If you saturate the color by 10%, you get **FEDE51**, and if you desaturate by 10%, it is **FEE883**.

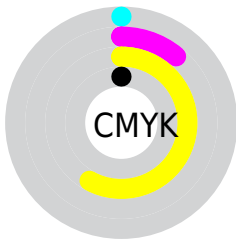
Distribution



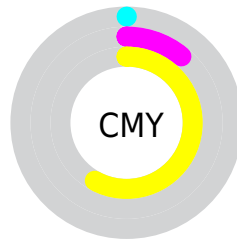
- Red (100%)
- Green (89%)
- Blue (42%)



- Red (55%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEE36A 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 FEE36A by changing the saturation by 10% instead.

 FEE36A

 FEE36A

FFFFFF

 E0C74F

 FFFFA1

 C2AC33

 FFFFBD

 A59213

 FFFFDA

 897800

 FFFFF7

 6D6000

 524800

 383200

 1F1D00

 000200

 FEE36A

 FEE36A

 FEDE51

 FEE883

 FEDA37

 FEEC9D

 FED51E

 FEF1B6

 FED004

 FEF6D0

 FED000

 FEFAE9

FEFFFF

Harmonies

Analogous

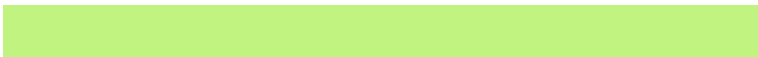
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCE79



FEE36A



C0F37F

Triad

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



FEE36A



00FFFF



FFBBFF

Complementary

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



FEE36A



6A85FE

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.



F4D0FF



FEE36A



00F7FF

Square

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



FEE36A



00FFEB



8EE7FF



FFB2DD

Rectangle

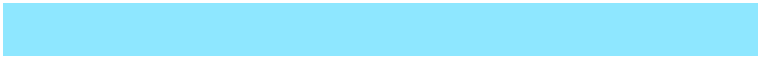
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEE36A



8FFB9D



8EE7FF



FFC2FF

Sweetspot

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



FEE36A



FFF7D4



FE6A85



807B66



000000



808080

Same Dimension

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



FEE36A



FFDE4D



CFFE6A



807D73



BF9C00



403400

Inverse Universe

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



6A85FE



4D6DFF



996AFE



737580



0023BF



000C40

Previews

White Background



This preview shows how the Hex color FEE36A looks on a white background.

Color Contrast Check

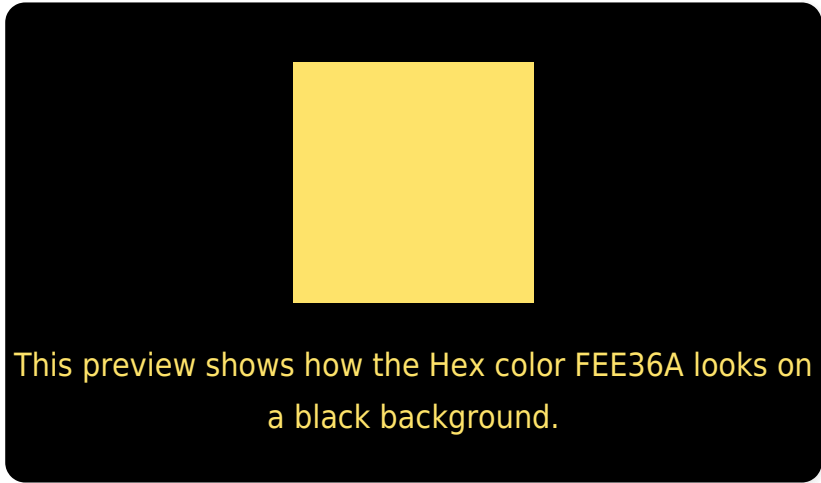
Large Text (above 18pt) WCAG AA × Fail

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 FEE36A Background



This preview shows how black text looks on a background with the Hex color FEE36A.

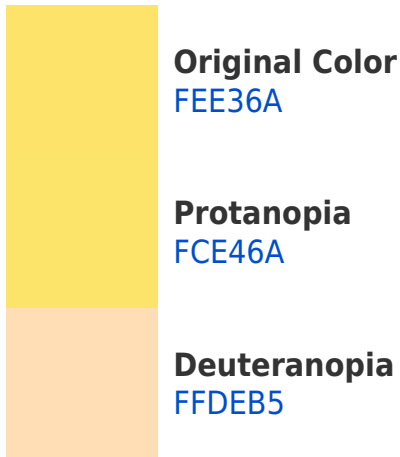


This preview shows how white text looks on a background with the Hex color FEE36A.

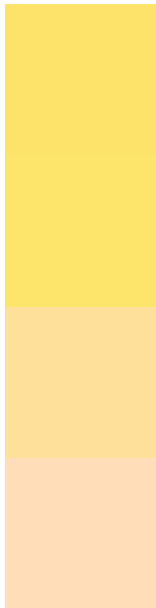
Color Blindness Simulation

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



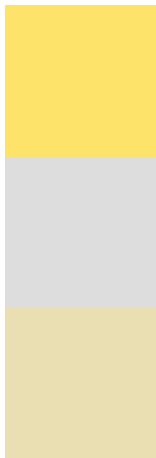
Original Color
FEE36A

Protanomaly
FDE46A

Deuteranomaly
FFE09A

Tritanomaly
FFDDB8

Monochromacy



Original Color
FEE36A

Achromatopsia
DDDDDD

Achromatomaly
E9DFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex FEE36A 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 #FEE36A looks like.

```
.text, #text, p{  
    color:#FEE36A  
}
```

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 #FEE36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEE36A
}
```

Border

The CSS property to change the border of an element to Hex FEE36A 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
#FEE36A }
```

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

```
.border{ border-color:#FEE36A }
```

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

Here you see how a box with a 4 pixel #FEE36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEE36A; -webkit-box-shadow:4px 4px  
4px 4px #FEE36A; box-shadow:4px 4px 4px  
4px #FEE36A }
```

Background

The CSS property to change the background color of an element to Hex FEE36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEE36A }
```

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

```
.background{ background-color:#FEE36A }
```

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