

Converting Colors

Hex(F136C6)

Have a look what the booklet for
Hex(F136C6) contains.

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Color

Hex(F136C6)

Conversions

Conversions Part 1

Format	Color
Hex	F136C6
RGB	241, 54, 198
RGB Percent	95%, 21%, 78%
CMY	0.0549, 0.7882, 0.2235
CMYK	0.00, 0.78, 0.18, 0.05
HSL	314°, 87%, 58%
HSV	314°, 78%, 95%
XYZ	47.7878, 25.4163, 55.8132
YIQ	126.3290, 65.2280, 84.4280

Conversions

Conversions Part 2

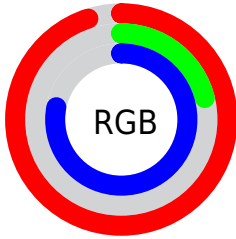
Format	Color
R _Y B	241, 54, 198
Decimal	15808198
CIE Lab	57.48, 80.87, -33.37
CIE LCh	57, 87.482, 337.573
Yxy	25.4163, 0.3704, 0.1970
Android (android.graphics.Color)	4293998278 (0xFFFF136C6)
YUV	126.3290, 35.3338, 100.5665
Hunter-Lab	50.4146, 80.9740, -30.3488

Details

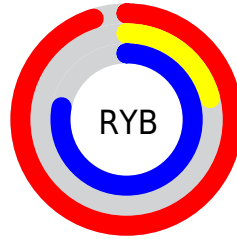
The Hex color **F136C6** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **36F161**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF78FF**, and **B40090** is the 20% darker color. If you saturate the color by 10%, you get **F11EC0**, and if you desaturate by 10%, it is **F14ECC**.

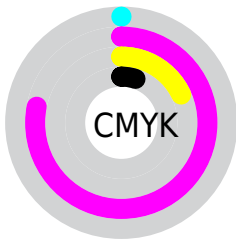
Distribution



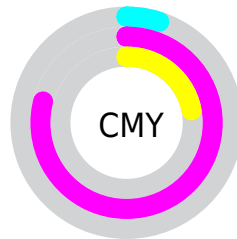
- Red (95%)
- Green (21%)
- Blue (78%)



- Red (95%)
- Yellow (21%)
- Blue (78%)



- Cyan (0%)
- Magenta (78%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (79%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F136C6 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 F136C6 by changing the saturation by 10% instead.

 F136C6

 F136C6

FFFFFF

 D300AA

 FF78FF

 B40090

 FF97FF

 970076

 FFB5FF

 7A005D

 FFD3FF

 5D0045

 FFF1FF

 42002E

 230018

 000000

 F136C6

 F136C6

 F11EC0

 F14ECC

 F106BB

 F166D1

 F100BA

 F17ED7

 F196DC

 F1AEE2

 F1C7E7

 F1DFED

 F1F7F2

 F1FFF8

Harmonies

Analogous

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



9F6BFF



F136C6



FF057A

Triad

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



F136C6



968D00



00A9E6

Complementary

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



F136C6



36F161

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.



00AA9C



F136C6



3D9E00

Square

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



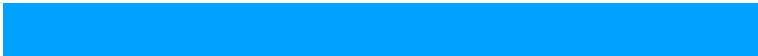
F136C6



D47000



00A74B



00A2FF

Rectangle

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



F136C6



FF2F49



00A74B



00AACF

Sweetspot

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



F136C6



FFC4F2



5F36F1



805C77



000000



808080

Same Dimension

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



F136C6



FF12C8



F1366B



786C75



B8008D



38002B

Inverse Universe

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



F136C6



FF12C8



36F1BC



786C75



B8008D



38002B

Previews

White Background



This preview shows how the Hex color F136C6 looks on a white background.

Color Contrast Check

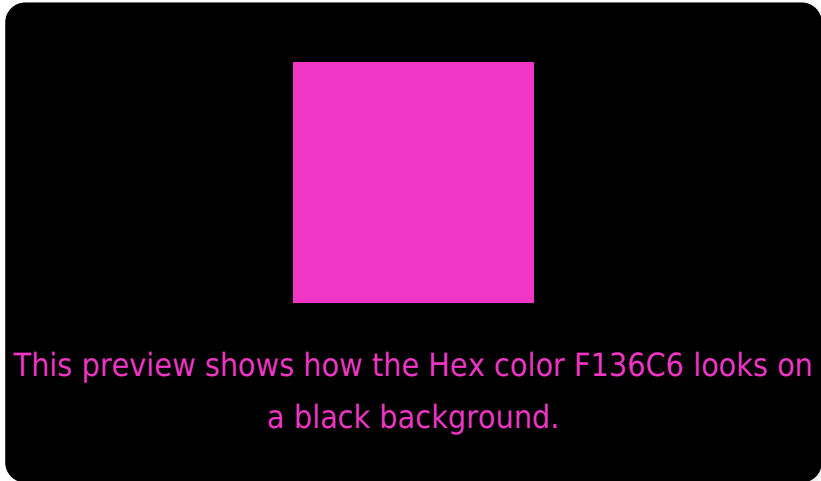
Large Text (above 18pt) WCAG AA ✓ Pass

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 F136C6 Background



This preview shows how black text looks on a background with the Hex color F136C6.

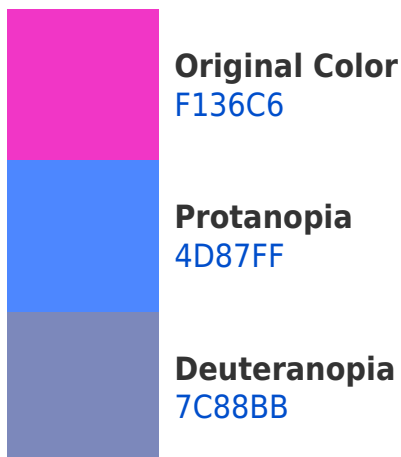



This preview shows how white text looks on a background with the Hex color F136C6.

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
E85A60

Trichromacy



Original Color
F136C6



Protanomaly
896AEA



Deuteranomaly
A76ABF



Tritanomaly
EB4D85

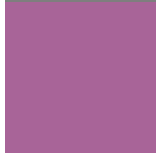
Monochromacy



Original Color
F136C6



Achromatopsia
7E7E7E



Achromatomaly
A86498

CSS Examples

Text

The CSS property to change the color of the text to Hex F136C6 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 #F136C6 looks like.

```
.text, #text, p{  
    color:#F136C6  
}
```

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 #F136C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F136C6
}
```

Border

The CSS property to change the border of an element to Hex F136C6 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
#F136C6 }
```

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

```
.border{ border-color:#F136C6 }
```

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

Here you see how a box with a 4 pixel #F136C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F136C6; -webkit-box-shadow:4px 4px  
4px 4px #F136C6; box-shadow:4px 4px 4px  
4px #F136C6 }
```

Background

The CSS property to change the background color of an element to Hex F136C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F136C6 }
```

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

```
.background{ background-color:#F136C6 }
```

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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