

Converting Colors

Hex(FF13B5)

Have a look what the booklet for
Hex(FF13B5) contains.

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Color

Hex(F F 1 3 B 5)

Conversions

Conversions Part 1

Format	Color
Hex	FF13B5
RGB	255, 19, 181
RGB Percent	100%, 7%, 71%
CMY	0.0000, 0.9255, 0.2902
CMYK	0.00, 0.93, 0.29, 0.00
HSL	319°, 100%, 54%
HSV	319°, 93%, 100%
XYZ	49.8134, 25.0619, 45.9280
YIQ	108.0320, 88.6540, 100.4140

Conversions

Conversions Part 2

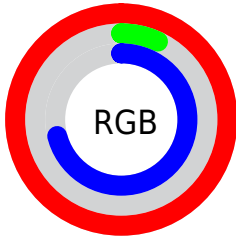
Format	Color
R _Y B	255, 19, 181
Decimal	16716725
CIE Lab	57.14, 87.88, -23.90
CIE LCh	57, 91.075, 344.789
Yxy	25.0619, 0.4124, 0.2075
Android (android.graphics.Color)	4294906805 (0xFFFF13B5)
YUV	108.0320, 35.9732, 128.8909
Hunter-Lab	50.0619, 90.0055, -19.3508

Details

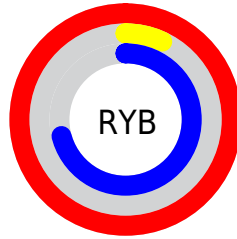
The Hex color **FF13B5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **13FF5D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF6AED**, and **C10080** is the 20% darker color. If you saturate the color by 10%, you get **FF00AF**, and if you desaturate by 10%, it is **FF2DBD**.

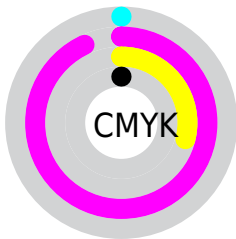
Distribution



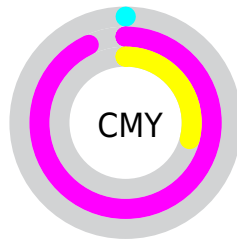
- Red (100%)
- Green (7%)
- Blue (71%)



- Red (100%)
- Yellow (7%)
- Blue (71%)



- Cyan (0%)
- Magenta (93%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF13B5 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 FF13B5 by changing the saturation by 10% instead.

 FF13B5

 FF13B5

FFFFFF

 E0009A

 FF6AED

 C10080

 FF8AFF

 A20067

 FFA9FF

 84004E

 FFC7FF

 660037

 FFE6FF

 490022

 2C0006

 000000

 FF13B5

 FF13B5

 FF00AF

 FF2DBD

 FF46C5

 FF60CD

 FF79D5

 FF93DD

 FFACE5

 FFC6ED

 FFDFF5

 FFF9FD

Harmonies

Analogous

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



BA5CFC



FF13B5



FF0066

Triad

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



FF13B5



829200



00A8F9

Complementary

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



FF13B5



13FF5D

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.



00AAB0



FF13B5



00A100

Square

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



FF13B5



C77700



00A85C



009EFF

Rectangle

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



FF13B5



FF3533



00A85C



00AAE3

Sweetspot

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



FF13B5



FFB8E9



5A13FF



805472



000000



808080

Same Dimension

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



FF13B5



FF00AF



FF1342



80737C



BF0083



40002C

Inverse Universe

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



FF13B5



FF00AF



13FFD0



80737C



BF0083



40002C

Previews

White Background



This preview shows how the Hex color FF13B5 looks on a white background.

Color Contrast Check

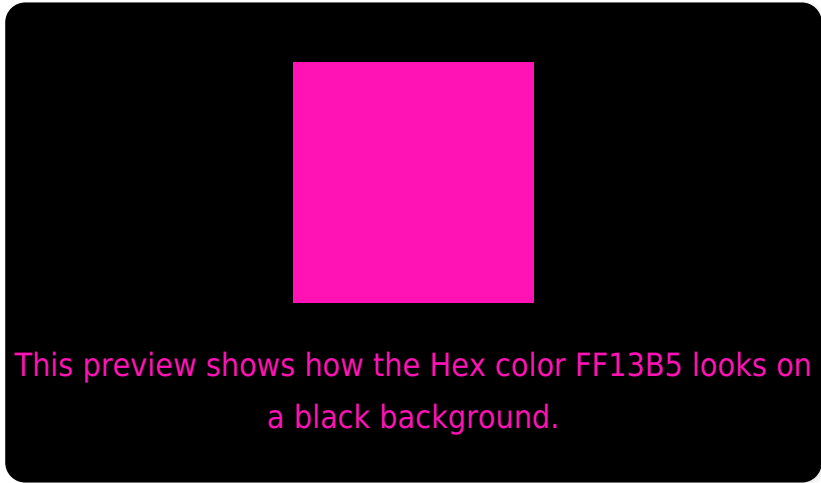
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF13B5 Background



This preview shows how black text looks on a background with the Hex color FF13B5.

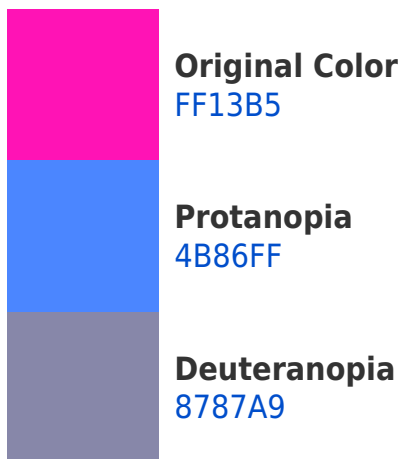


This preview shows how white text looks on a background with the Hex color FF13B5.

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
F8494C

Trichromacy



Original Color
FF13B5



Protanomaly
8C5CE4



Deuteranomaly
B35DAD



Tritanomaly
FB3572

Monochromacy



Original Color
FF13B5



Achromatopsia
6C6C6C



Achromatomaly
A14C87

CSS Examples

Text

The CSS property to change the color of the text to Hex FF13B5 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 #FF13B5 looks like.

```
.text, #text, p{  
    color:#FF13B5  
}
```

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 #FF13B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF13B5
}
```

Border

The CSS property to change the border of an element to Hex FF13B5 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
#FF13B5 }
```

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

```
.border{ border-color:#FF13B5 }
```

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

Here you see how a box with a 4 pixel #FF13B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF13B5; -webkit-box-shadow:4px 4px  
4px 4px #FF13B5; box-shadow:4px 4px 4px  
4px #FF13B5 }
```

Background

The CSS property to change the background color of an element to Hex FF13B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF13B5 }
```

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

```
.background{ background-color:#FF13B5 }
```

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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