

Converting Colors

Hex(FF65E1)

Have a look what the booklet for
Hex(FF65E1) contains.

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Color

Hex(F665E1)

Conversions

Conversions Part 1

Format	Color
Hex	FF65E1
RGB	255, 101, 225
RGB Percent	100%, 40%, 88%
CMY	0.0000, 0.6039, 0.1176
CMYK	0.00, 0.60, 0.12, 0.00
HSL	312°, 100%, 70%
HSV	312°, 60%, 100%
XYZ	59.4843, 36.0036, 75.0484
YIQ	161.1820, 51.9800, 71.2120

Conversions

Conversions Part 2

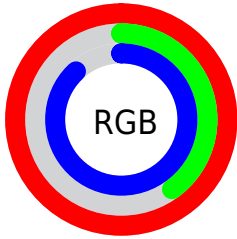
Format	Color
R _Y B	255, 101, 225
Decimal	16737761
CIE Lab	66.52, 71.98, -34.39
CIE LCh	67, 79.776, 334.466
Yxy	36.0036, 0.3488, 0.2111
Android (android.graphics.Color)	4294927841 (0xFFFF65E1)
YUV	161.1820, 31.4623, 82.2784
Hunter-Lab	60.0030, 71.9516, -32.1545

Details

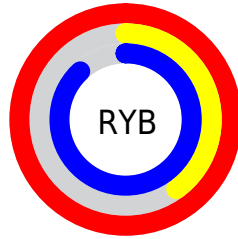
The Hex color **FF65E1** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **65FF83**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FF9FFF**, and **C323A9** is the 20% darker color. If you saturate the color by 10%, you get **FF4BDC**, and if you desaturate by 10%, it is **FF7EE6**.

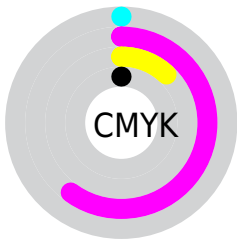
Distribution



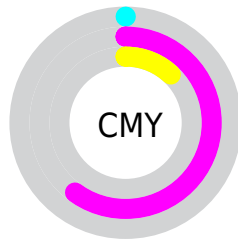
- Red (100%)
- Green (40%)
- Blue (88%)



- Red (100%)
- Yellow (40%)
- Blue (88%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (60%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF65E1 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 FF65E1 by changing the saturation by 10% instead.

 FF65E1

 FF65E1

FFFFFF

 E147C5

 FF9FFF

 C323A9

 FFBDFD

 A6008F

 FFDAFF

 890075

 FFF8FF

 6C005C

 510044

 36002D

 140017

 000000

 FF65E1

 FF65E1

 FF4BDC

 FF7EE6

 FF32D7

 FF98EB

 FF18D2

 FFB2F0

 FF00CD

 FFCBF5

 FFE4FA

FFFEFF

FFFFFF

Harmonies

Analogous

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



AE89FF



FF65E1



FF519A

Triad

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



FF65E1



B8A200



00C1F2

Complementary

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



FF65E1



65FF83

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.



00C2AB



FF65E1



6DB40C

Square

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



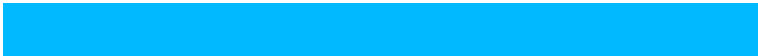
FF65E1



F28605



00BE60



00B9FF

Rectangle

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



FF65E1



FF5B6B



00BE60



00C2DB

Sweetspot

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



FF65E1



FFD1F6



8165FF



80637A



000000



808080

Same Dimension

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



FF65E1



FF47DB



FF6596



80737D



BF009A



400033

Inverse Universe

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



FF65E1



FF47DB



65FFCE



80737D



BF009A



400033

Previews

White Background



This preview shows how the Hex color FF65E1 looks on a white background.

Color Contrast Check

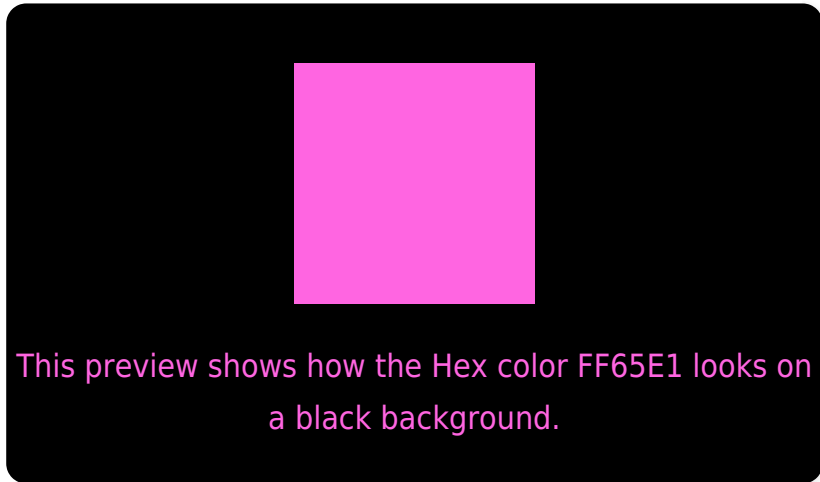
Large Text (above 18pt) WCAG AA × Fail

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 FF65E1 Background



This preview shows how black text looks on a background with the Hex color FF65E1.



This preview shows how white text looks on a background with the Hex color FF65E1.

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
F67D86

Trichromacy



Original Color
FF65E1



Protanomaly
AC8AF4



Deuteranomaly
BB8BDB



Tritanomaly
F974A7

Monochromacy



Original Color
FF65E1



Achromatopsia
A1A1A1



Achromatomaly
C38BB8

CSS Examples

Text

The CSS property to change the color of the text to Hex FF65E1 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 #FF65E1 looks like.

```
.text, #text, p{  
    color:#FF65E1  
}
```

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 #FF65E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF65E1
}
```

Border

The CSS property to change the border of an element to Hex FF65E1 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
#FF65E1 }
```

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

```
.border{ border-color:#FF65E1 }
```

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

Here you see how a box with a 4 pixel #FF65E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF65E1; -webkit-box-shadow:4px 4px  
4px 4px #FF65E1; box-shadow:4px 4px 4px  
4px #FF65E1 }
```

Background

The CSS property to change the background color of an element to Hex FF65E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF65E1 }
```

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

```
.background{ background-color:#FF65E1 }
```

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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