

Converting Colors

Hex(FF64E4)

Have a look what the booklet for
Hex(FF64E4) contains.

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Color

Hex(F664E4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF64E4 |
| RGB | 255, 100, 228 |
| RGB Percent | 100%, 39%, 89% |
| CMY | 0.0000, 0.6078, 0.1059 |
| CMYK | 0.00, 0.61, 0.11, 0.00 |
| HSL | 310°, 100%, 70% |
| HSV | 310°, 61%, 100% |
| XYZ | 59.8008, 35.9758, 77.1910 |
| YIQ | 160.9370, 51.2920, 72.6680 |

Conversions

Conversions Part 2

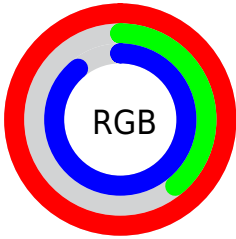
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 100, 228 |
| Decimal | 16737508 |
| CIE Lab | 66.50, 72.83, -36.09 |
| CIE LCh | 67, 81.284, 333.641 |
| Yxy | 35.9758, 0.3457, 0.2080 |
| Android (android.graphics.Color) | 4294927588 (0xFFFF64E4) |
| YUV | 160.9370, 33.0621, 82.4933 |
| Hunter-Lab | 59.9798, 73.0025, -34.3173 |

Details

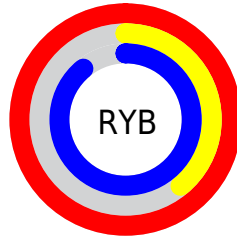
The Hex color **FF64E4** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **64FF7F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FF9FFF**, and **C321AC** is the 20% darker color. If you saturate the color by 10%, you get **FF4BE0**, and if you desaturate by 10%, it is **FF7DE8**.

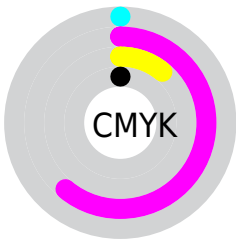
Distribution



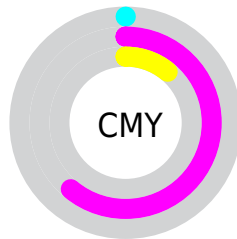
- Red (100%)
- Green (39%)
- Blue (89%)



- Red (100%)
- Yellow (39%)
- Blue (89%)



- Cyan (0%)
- Magenta (61%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF64E4 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 FF64E4 by changing the saturation by 10% instead.

 FF64E4

 FF64E4

FFFFFF

 E145C8

 FF9FFF

 C321AC

 FFBCFF

 A60091

 FFD9FF

 890077

 FFF7FF

 6C005E

 500046

 36002F

 140019

 000000

 FF64E4

 FF64E4

 FF4BE0

 FF7DE8

 FF31DB

 FF97ED

 FF18D7

 FFB1F1

 FF00D3

 FFCAF6

 FFE3FA

 FFFDFF

 FFFFFFFF

Harmonies

Analogous

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



AA8AFF



FF64E4



FF4E9C

Triad

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



FF64E4



BAA200



00C1F1

Complementary

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



FF64E4



64FF7F

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.



00C2A9



FF64E4



6EB400

Square

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



FF64E4



F48501



00BE5D



00BAFF

Rectangle

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



FF64E4



FF576C



00BE5D



00C2DB

Sweetspot

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



FF64E4



FFD1F7



7E64FF



80637B



000000



808080

Same Dimension

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



FF64E4



FF45DF



FF6498



80737D



BF009E



400035

Inverse Universe

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



FF64E4



FF45DF



64FFCB



80737D



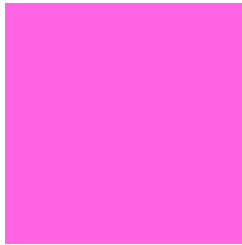
BF009E



400035

Previews

White Background



This preview shows how the Hex color FF64E4 looks on a white background.

Color Contrast Check

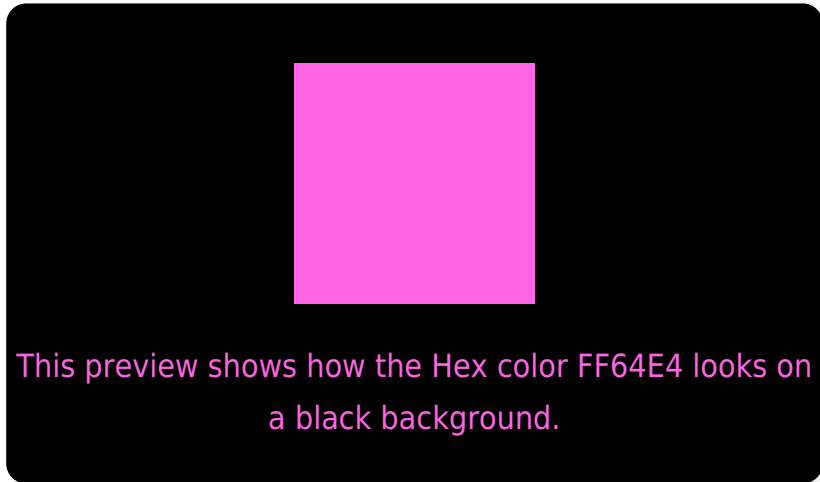
Large Text (above 18pt) WCAG AA × Fail

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 FF64E4 Background



This preview shows how black text looks on a background with the Hex color FF64E4.

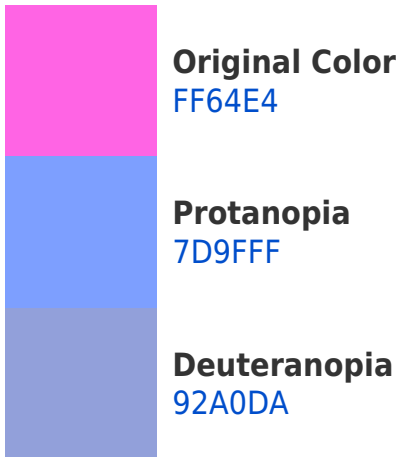


This preview shows how white text looks on a background with the Hex color FF64E4.

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
F57D86

Trichromacy



Original Color
FF64E4



Protanomaly
AC8AF5



Deuteranomaly
BA8ADE



Tritanomaly
F974A8

Monochromacy



Original Color
FF64E4



Achromatopsia
A1A1A1



Achromatomaly
C38BB9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF64E4 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 #FF64E4 looks like.

```
.text, #text, p{  
    color:#FF64E4  
}
```

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 #FF64E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF64E4
}
```

Border

The CSS property to change the border of an element to Hex FF64E4 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
#FF64E4 }
```

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

```
.border{ border-color:#FF64E4 }
```

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

Here you see how a box with a 4 pixel #FF64E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF64E4; -webkit-box-shadow:4px 4px  
4px 4px #FF64E4; box-shadow:4px 4px 4px  
4px #FF64E4 }
```

Background

The CSS property to change the background color of an element to Hex FF64E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF64E4 }
```

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

```
.background{ background-color:#FF64E4 }
```

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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