

Converting Colors

Hex(E940F4)

Have a look what the booklet for
Hex(E940F4) contains.

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Color

Hex(E940F4)

Conversions

Conversions Part 1

Format	Color
Hex	E940F4
RGB	233, 64, 244
RGB Percent	91%, 25%, 96%
CMY	0.0863, 0.7490, 0.0431
CMYK	0.05, 0.74, 0.00, 0.04
HSL	296°, 89%, 60%
HSV	296°, 74%, 96%
XYZ	51.7668, 27.5221, 88.1718
YIQ	135.0510, 42.9440, 91.8080

Conversions

Conversions Part 2

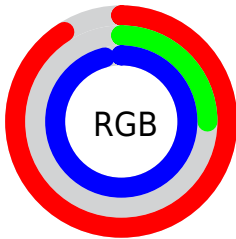
Format	Color
R _{YB}	233, 64, 244
Decimal	15286516
CIE _{Lab}	59.45, 83.09, -56.32
CIE _{LCh}	59, 100.382, 325.869
Y _{xy}	27.5221, 0.3091, 0.1643
Android (android.graphics.Color)	4293476596 (0xFFE940F4)
YUV	135.0510, 53.7119, 85.9013
Hunter-Lab	52.4615, 84.3287, -62.9254

Details

The Hex color **E940F4** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4BF440**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF80FF**, and **AD00BB** is the 20% darker color. If you saturate the color by 10%, you get **E828F4**, and if you desaturate by 10%, it is **EA58F4**.

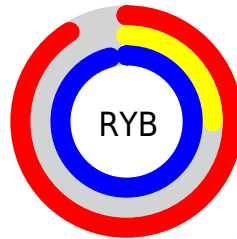
Distribution



Red (91%)

Green (25%)

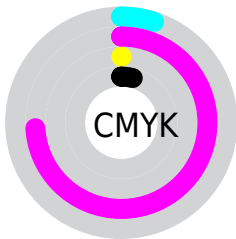
Blue (96%)



Red (91%)

Yellow (25%)

Blue (96%)

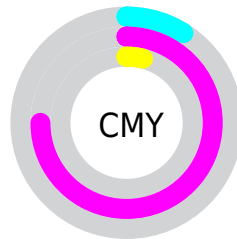


Cyan (5%)

Magenta (74%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (75%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E940F4 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 E940F4 by changing the saturation by 10% instead.

 E940F4

 E940F4

FFFFFF

 CB11D7

 FF80FF

 AD00BB

 FF9EFF

 90009F

 FFBCFF

 720085

 FFDAFF

 56006B

 FFF8FF

 3B0052

 1A0039

 000222

 000009

 E940F4

 E940F4

 E828F4

 EA58F4

 E60FF4

 EC71F4

 E500F4

 ED89F4

 EFA2F4

 F0BAF4

 F2D2F4

 F3EBF4

 F5FFF4

 F6FFF4

Harmonies

Analogous

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



547DFF



E940F4



FF009F

Triad

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



E940F4



B88800



00B3DB

Complementary

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



E940F4



4BF440

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.



00B280



E940F4



62A000

Square

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



E940F4



F85C00



00AC15



00AFFF

Rectangle

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



E940F4



FF0065



00AC15



00B3BD

Sweetspot

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



E940F4



FCC7FF



404CF4



7D5E80



000000



808080

Same Dimension

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



E940F4



F11CFF



F440A6



7A6E7A



AF00BA



37003B

Inverse Universe

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



F4404B



FF1C2A



40F48E



7A6E6F



BA000B



3B0004

Previews

White Background



This preview shows how the Hex color E940F4 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

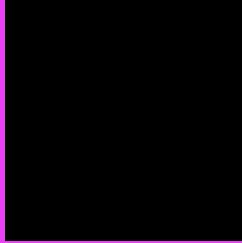
Any Text WCAG AA ✓ Pass

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 E940F4 Background



This preview shows how black text looks on a background with the Hex color E940F4.



This preview shows how white text looks on a background with the Hex color E940F4.

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
DA6E75

Trichromacy



Original Color
E940F4



Protanomaly
8C70FB



Deuteranomaly
8E73EC



Tritanomaly
DF5DA3

Monochromacy



Original Color
E940F4



Achromatopsia
878787



Achromatomaly
AB6DAF

CSS Examples

Text

The CSS property to change the color of the text to Hex E940F4 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 #E940F4 looks like.

```
.text, #text, p{  
    color:#E940F4  
}
```

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 #E940F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E940F4
}
```

Border

The CSS property to change the border of an element to Hex E940F4 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
#E940F4 }
```

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

```
.border{ border-color:#E940F4 }
```

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

Here you see how a box with a 4 pixel #E940F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E940F4; -webkit-box-shadow:4px 4px  
4px 4px #E940F4; box-shadow:4px 4px 4px  
4px #E940F4 }
```

Background

The CSS property to change the background color of an element to Hex E940F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E940F4 }
```

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

```
.background{ background-color:#E940F4 }
```

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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