

Converting Colors

Hex(E3E1FF)

Have a look what the booklet for
Hex(E3E1FF) contains.

Hex(E3E1FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E3E1FF)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1FF
RGB	227, 225, 255
RGB Percent	89%, 88%, 100%
CMY	0.1098, 0.1176, 0.0000
CMYK	0.11, 0.12, 0.00, 0.00
HSL	244°, 100%, 94%
HSV	244°, 12%, 100%
XYZ	76.6538, 77.4013, 105.5076
YIQ	229.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

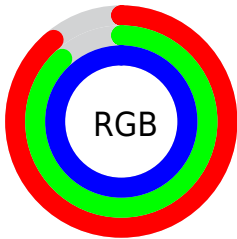
Format	Color
RYB	227, 225, 255
Decimal	14934527
CIELab	90.51, 6.33, -14.28
CIELCh	91, 15.621, 293.911
Yxy	77.4013, 0.2953, 0.2982
Android (android.graphics.Color)	4293124607 (0xFFE3E1FF)
YUV	229.0180, 12.8091, -1.7698
Hunter-Lab	87.9780, 1.5625, -9.5189

Details

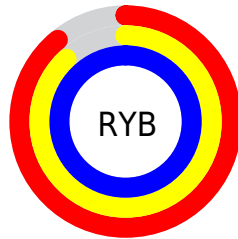
The Hex color **E3E1FF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FDFFE1**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **ABAAC6** is the 20% darker color. If you saturate the color by 10%, you get **CBC8FF**, and if you desaturate by 10%, it is **FBFBFF**.

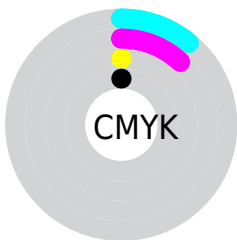
Distribution



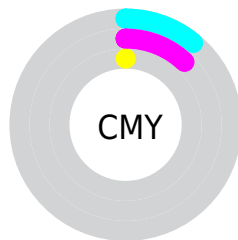
- Red (89%)
- Green (88%)
- Blue (100%)



- Red (89%)
- Yellow (88%)
- Blue (100%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3E1FF 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 E3E1FF by changing the saturation by 10% instead.

 E3E1FF

FFFFFF

 E3E1FF

 C7C5E2

 ABAAC6

 918FAB

 777690

 5E5D77

 46465E

 2F2F46

 1A1B30

 02001B

 E3E1FF

 E3E1FF

 CBC8FF

 FBF8FF

 B3AEFF

FFFFFF

 9C94FF

 847BFF

 6C62FF

 5448FF

 3C2FFF

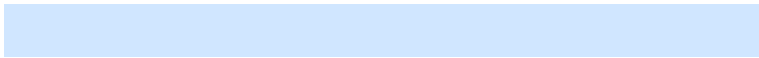
 2515FF

 1100FF

Harmonies

Analogous

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



D0E6FF



E3E1FF



F5DCF6

Triad

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



E3E1FF



FFDDCC



C4EDE0

Complementary

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



E3E1FF



FDFFE1

Split Complementary

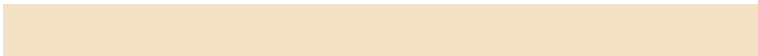
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D2EAD2



E3E1FF



F3E2C6

Square

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



E3E1FF



FFDAD8



E3E7C8



BEECEF

Rectangle

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



E3E1FF



FDDAEC



E3E7C8



C8ECDB

Sweetspot

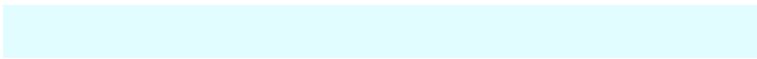
The Sweet Spot groups the original color and five complimentary colors.



E3E1FF



F5F5FF



E1FDFF



7A7980



000000



808080

Same Dimension

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



E3E1FF



DEDBFF



F2E1FF



747380



0D00BF



040040

Inverse Universe

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



FFE1FD



FFDBFD



EEFFE1



80737F



BF00B3



40003C

Previews

White Background



This preview shows how the Hex color E3E1FF looks on a white background.

Color Contrast Check

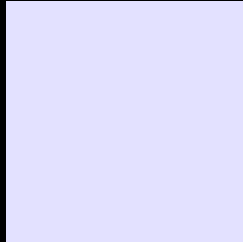
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E3E1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

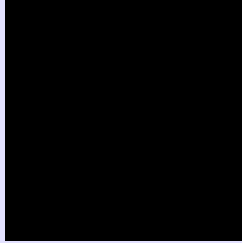
Any Text WCAG AA ✓ Pass

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 E3E1FF Background



This preview shows how black text looks on a background with the Hex color E3E1FF.



This preview shows how white text looks on a background with the Hex color E3E1FF.

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](#).

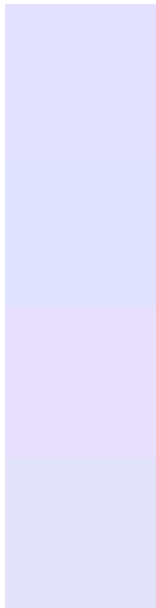
Dichromacy





Tritanopia
E1E3F5

Trichromacy



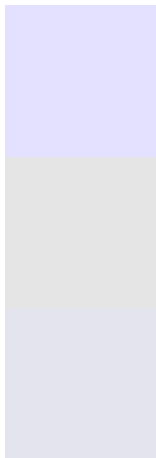
Original Color
E3E1FF

Protanomaly
E1E2FF

Deuteranomaly
E9DFFF

Tritanomaly
E2E2F9

Monochromacy



Original Color
E3E1FF

Achromatopsia
E5E5E5

Achromatomaly
E4E4EE

CSS Examples

Text

The CSS property to change the color of the text to Hex E3E1FF 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 #E3E1FF looks like.

```
.text, #text, p{  
    color:#E3E1FF  
}
```

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 #E3E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E1FF
}
```

Border

The CSS property to change the border of an element to Hex E3E1FF 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
#E3E1FF }
```

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

```
.border{ border-color:#E3E1FF }
```

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

Here you see how a box with a 4 pixel #E3E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E1FF; -webkit-box-shadow:4px 4px  
4px 4px #E3E1FF; box-shadow:4px 4px 4px  
4px #E3E1FF }
```

Background

The CSS property to change the background color of an element to Hex E3E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E1FF }
```

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

```
.background{ background-color:#E3E1FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor