

Converting Colors

Hex(DEEFFF)

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

Hex(DEEFFF)	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(DEEFFF)

Conversions

Conversions Part 1

Format	Color
Hex	DEEFFF
RGB	222, 239, 253
RGB Percent	87%, 94%, 99%
CMY	0.1294, 0.0627, 0.0078
CMYK	0.12, 0.06, 0.00, 0.01
HSL	207°, 89%, 93%
HSV	207°, 12%, 99%
XYZ	78.7203, 84.3544, 105.0615
YIQ	235.5130, -14.6260, 0.7500

Conversions

Conversions Part 2

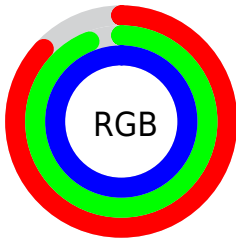
Format	Color
R _Y B	222, 233, 253
Decimal	14610429
CIE Lab	93.60, -2.88, -8.66
CIE LCh	94, 9.125, 251.619
Yxy	84.3544, 0.2936, 0.3146
Android (android.graphics.Color)	4292800509 (0xFFDEEFFF)
YUV	235.5130, 8.6211, -11.8509
Hunter-Lab	91.8447, -7.7353, -3.5308

Details

The Hex color `DEEFD` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `FDECDE`, and the grayscale version is `EBEBEB`.

A 20% lighter version of the original color is `FFFFFF`, and `A7B7C4` is the 20% darker color. If you saturate the color by 10%, you get `C5E4FD`, and if you desaturate by 10%, it is `F7FAFD`.

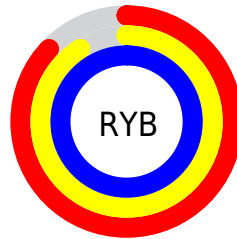
Distribution



Red (87%)

Green (94%)

Blue (99%)



Red (87%)

Yellow (91%)

Blue (99%)

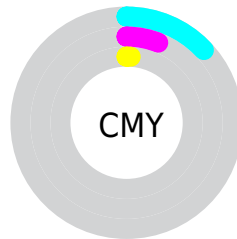


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (13%)

Magenta (6%)

Yellow (1%)

Brightness & Saturation Gradients

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

 DEEFFF

 DEEFFF

FFFFFF

 C2D3E0

 A7B7C4

 8C9CA9

 72828F

 5A6975

 42515C

 2B3A45

 16252F

 000F1A

 DEEFFD

 DEEFFD

 C5E4FD

 F7FAFD

 ABD8FD

FFFFFFD

 92CDFD

 79C1FD

 60B6FD

 46AAFD

 2D9FFD

 1494FD

 008BFD

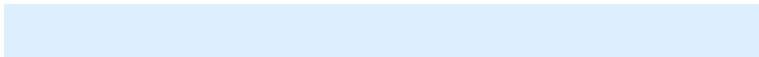
Harmonies

Analogous

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



D8F1F8



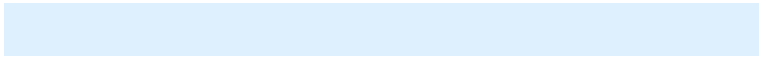
DEEFD



E8ECFE

Triad

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



DEEFD



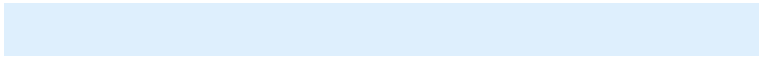
FFE7E9



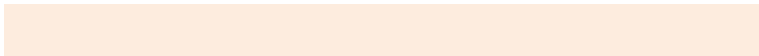
E6F0DF

Complementary

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



DEEFD



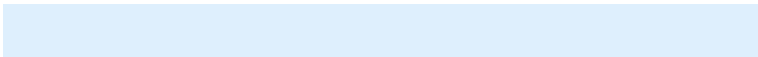
FDECDE

Split Complementary

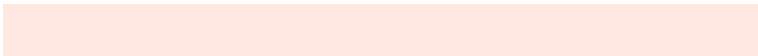
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0EDDB



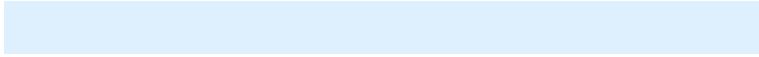
DEEFD



FFE8E1

Square

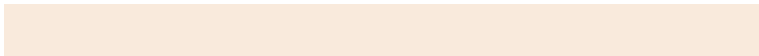
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DEEFD



FBE7F2



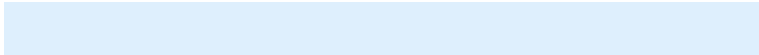
F9EADC



DDF2E7

Rectangle

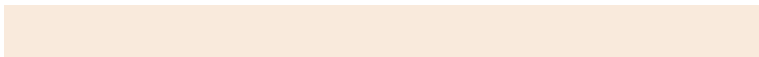
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DEEFD



EFEAFC



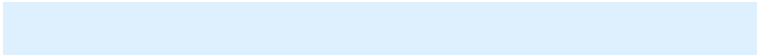
F9EADC



EAEFDE

Sweetspot

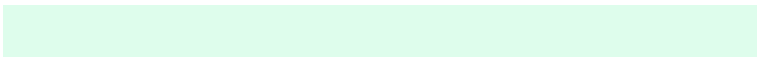
The Sweet Spot groups the original color and five complimentary colors.



DEEFFF



F5FAFF



DEFDEC



797D80



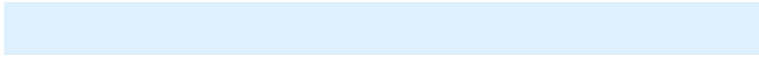
000000



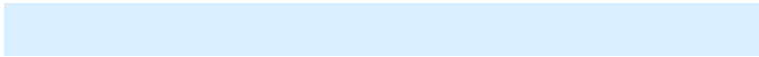
808080

Same Dimension

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



DEE0FD



D9EEFF



DEE0FD



737A80



0069BF



002340

Inverse Universe

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



FDDEEF



FFD9EE



FDFBDE



80737A



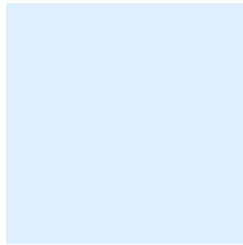
BF0069



400023

Previews

White Background



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

Color Contrast Check

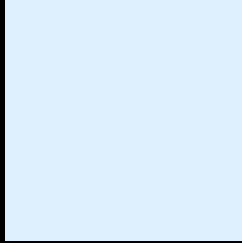
Large Text (above 18pt) WCAG AA × Fail

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 DEEFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

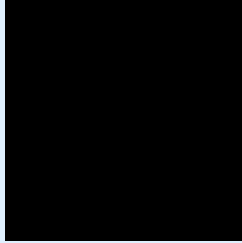
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

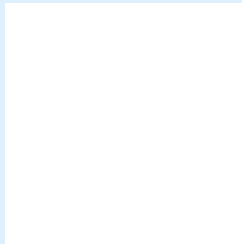
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DEEFD Background



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

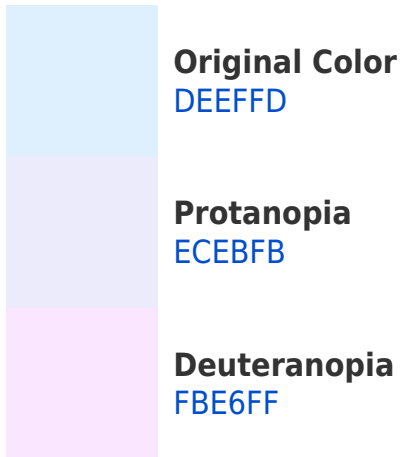


This preview shows how white text looks on a background with the Hex color DEEFD.

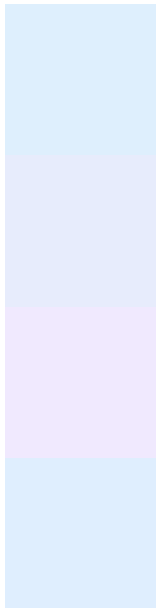
Color Blindness Simulation

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



Trichromacy



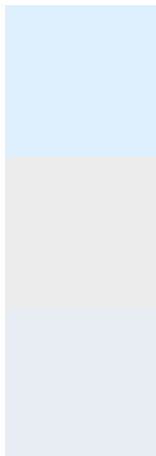
Original Color
DEEFFD

Protanomaly
E7ECFC

Deuteranomaly
F0E9FE

Tritanomaly
DFEEFE

Monochromacy



Original Color
DEEFFD

Achromatopsia
ECECEC

Achromatomaly
E7EDF2

CSS Examples

Text

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

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

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 #DEEFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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