

Converting Colors

Hex(DBE EFF)

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

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Color

Hex(DBEEFF)

Conversions

Conversions Part 1

Format	Color
Hex	DBEEFF
RGB	219, 238, 255
RGB Percent	86%, 93%, 100%
CMY	0.1412, 0.0667, 0.0000
CMYK	0.14, 0.07, 0.00, 0.00
HSL	208°, 100%, 93%
HSV	208°, 14%, 100%
XYZ	77.8380, 83.4291, 106.6087
YIQ	234.2570, -16.7810, 1.2590

Conversions

Conversions Part 2

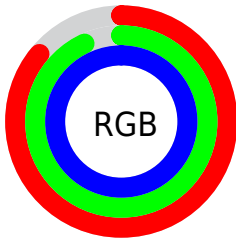
Format	Color
R _Y B	219, 231, 255
Decimal	14413567
CIE Lab	93.20, -2.90, -10.32
CIE LCh	93, 10.719, 254.278
Yxy	83.4291, 0.2906, 0.3114
Android (android.graphics.Color)	4292603647 (0xFFDBEEFF)
YUV	234.2570, 10.2263, -13.3804
Hunter-Lab	91.3396, -7.7297, -5.2638

Details

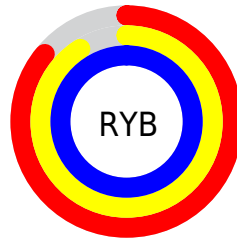
The Hex color **DBEEFF** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **FFECDB**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **A4B6C6** is the 20% darker color. If you saturate the color by 10%, you get **C2E2FF**, and if you desaturate by 10%, it is **F4FAFF**.

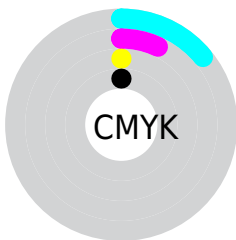
Distribution



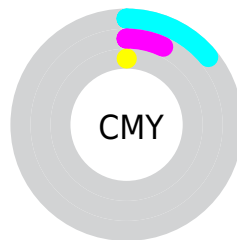
- Red (86%)
- Green (93%)
- Blue (100%)



- Red (86%)
- Yellow (91%)
- Blue (100%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DBEEFF

FFFFFF

 DBEEFF

 BFD2E2

 A4B6C6

 899BAB

 708190

 576877

 3F505E

 283946

 122430

 000E1B

 DBEEFF

 DBEEFF

 C2E2FF

 F4FAFF

 A8D6FF

FFFFFF

 8FCAFF


 75BEFF

 5BB2FF

 42A6FF

 289AFF

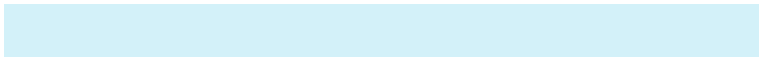
 0F8EFF

 0087FF

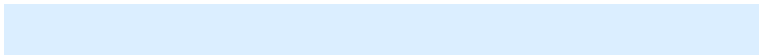
Harmonies

Analogous

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



D3F1F9



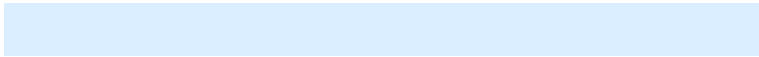
DBEFFF



E7EBFF

Triad

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



DBEEFF



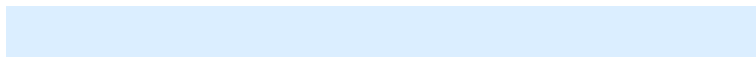
FFE5E7



E3EFDD

Complementary

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



DBEEFF



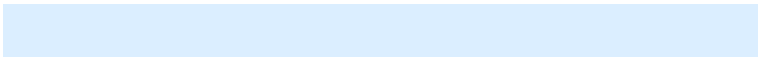
FFECDB

Split Complementary

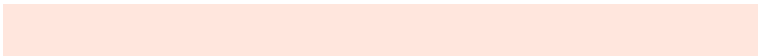
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFECD7



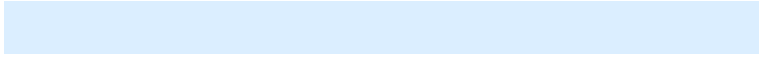
DBEEFF



FFE6DD

Square

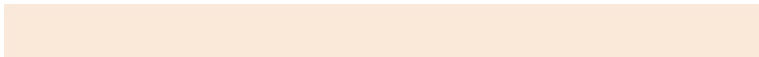
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



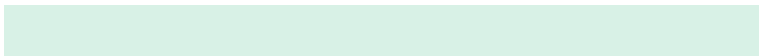
DBEEFF



FDE5F1



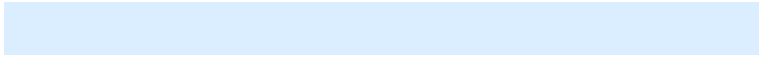
FAE9D8



D8F1E6

Rectangle

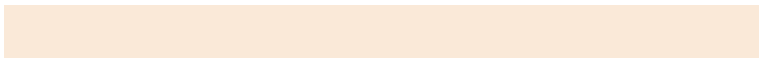
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DBEEFF



F0E8FD



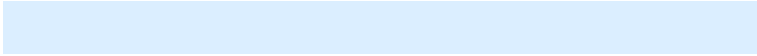
FAE9D8



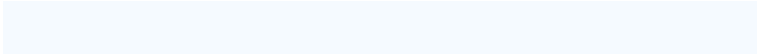
E7EEDA

Sweetspot

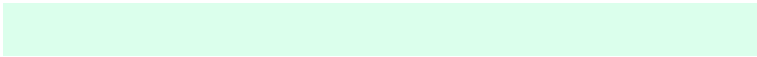
The Sweet Spot groups the original color and five complimentary colors.



DBEFFF



F5FAFF



DBFFEC



797C80



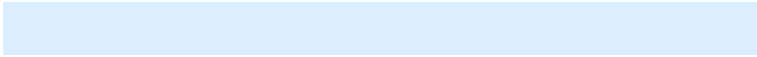
000000



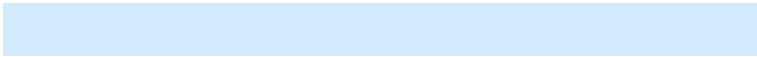
808080

Same Dimension

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



DBEEFF



D4EBFF



DBDCFF



737980



0065BF



002240

Inverse Universe

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



FFDBEE



FFD4EB



FFFEDB



807379



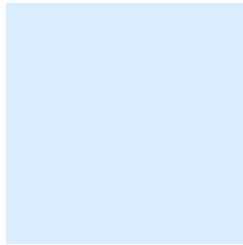
BF0065



400022

Previews

White Background



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

Color Contrast Check

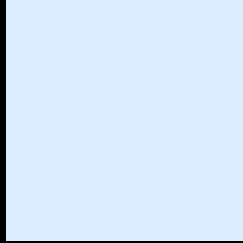
Large Text (above 18pt) WCAG AA × Fail

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 DBEEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

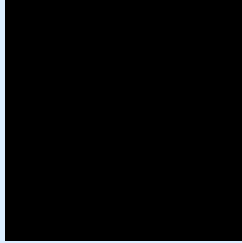
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

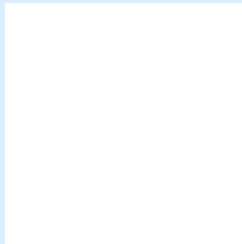
Any Text WCAG AAA ✓ Pass

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

Hex DBEEFF Background



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



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

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



Monochromacy



CSS Examples

Text

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

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

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 #DBEEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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