

# Converting Colors

Hex(144DFE)

Have a look what the booklet for  
Hex(144DFE) contains.

<b>Hex(144DFE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(144DFE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	144DFE
RGB	20, 77, 254
RGB Percent	8%, 30%, 100%
CMY	0.9216, 0.6980, 0.0039
CMYK	0.92, 0.70, 0.00, 0.00
HSL	225°, 99%, 54%
HSV	225°, 92%, 100%
XYZ	20.8318, 12.6122, 95.1024
YIQ	80.1350, -90.7890, 42.9630

# Conversions

## Conversions Part 2

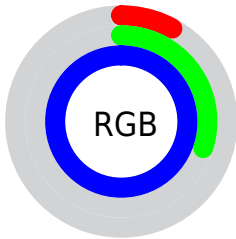
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	20, 66, 254
Decimal	1330686
CIELab	42.17, 50.72, -90.88
CIElCh	42, 104.074, 299.164
Yxy	12.6122, 0.1621, 0.0981
Android (android.graphics.Color)	4279520766 (0xFF144DFE)
YUV	80.1350, 85.7154, -52.7384
Hunter-Lab	35.5137, 42.5562, -133.9135

# Details

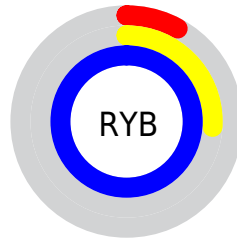
The Hex color **144DFE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FEC514**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **777EFF**, and **0021C4** is the 20% darker color. If you saturate the color by 10%, you get **003EFE**, and if you desaturate by 10%, it is **2D60FE**.

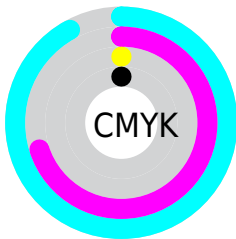
# Distribution



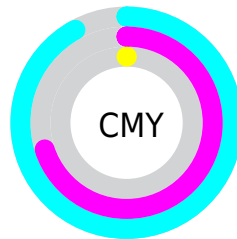
- Red (8%)
- Green (30%)
- Blue (100%)



- Red (8%)
- Yellow (26%)
- Blue (100%)



- Cyan (92%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (70%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144DFE 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 144DFE by changing the saturation by 10% instead.



 144DFE

 144DFE

FFFFFF

 0036E1

 777EFF

 0021C4

 9A98FF

 000FA8

 BBB3FF


 00008C

 DBCFFF

 000871

 FBEBFF

 000C58

 00073F

 000329

 000112

■ 144DFE

■ 144DFE

■ 003EFE

■ 2D60FE

■ 4773FE

■ 6087FE

■ 7A9AFE

■ 93ADFE

■ ACC0FE

■ C6D3FE

■ DFE7FE

■ F9FAFE

# Harmonies

## Analogous

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



0073FF



144DFE



C000BE

# Triad

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



144DFE



BB3000



00815F

# Complementary

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



144DFE



FEC514

# 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.



007D00



144DFE



7C6100

# Square

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



144DFE



E50017



0B7500



0083B7

# Rectangle

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



144DFE



E40087



0B7500



008040



# Sweetspot

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



144DFE



B8C9FF



14FEC3



545F80



000000



808080



# Same Dimension

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



144DFE



003EFF



4F14FE



737680



002FBF



001040



# Inverse Universe

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



FE144D



FF003E



C3FE14



807376



BF002F



400010



# Previews

## White Background



This preview shows how the Hex color 144DFE looks on a white background.

## Color Contrast Check

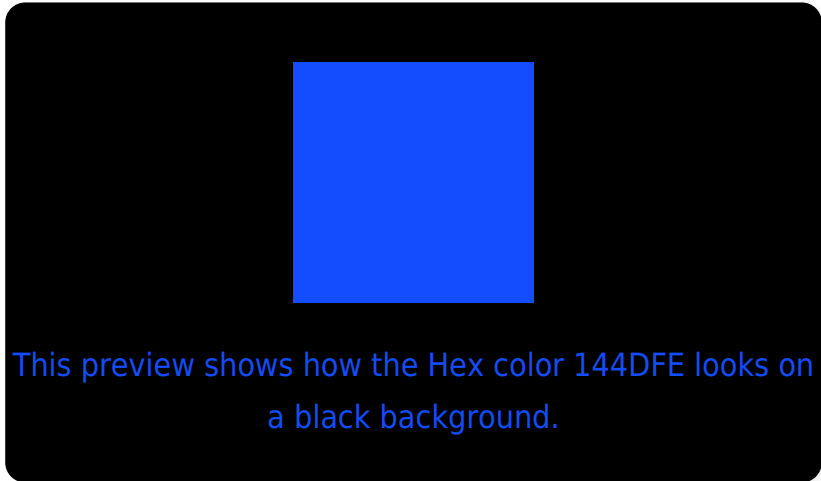
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

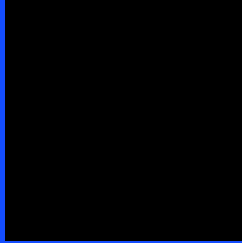
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 144DFE Background



This preview shows how black text looks on a background with the Hex color 144DFE.

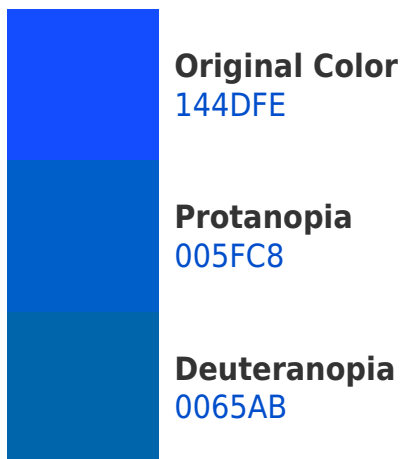


This preview shows how white text looks on a background with the Hex color 144DFE.

# 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**  
006D73

# Trichromacy



**Original Color**  
144DFE

**Protanomaly**  
0758DC

**Deuteranomaly**  
075CC9

**Tritanomaly**  
0761A6

# Monochromacy



**Original Color**  
144DFE

**Achromatopsia**  
505050

**Achromatomaly**  
3A4F8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144DFE 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 #144DFE looks like.

```
.text, #text, p{  
    color:#144DFE  
}
```

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 #144DFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144DFE
}
```

## Border

The CSS property to change the border of an element to Hex 144DFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

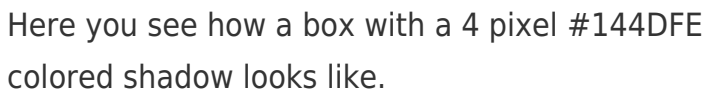
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#144DFE }
```

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

```
.border{ border-color:#144DFE }
```

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



Here you see how a box with a 4 pixel #144DFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144DFE; -webkit-box-shadow:4px 4px  
4px 4px #144DFE; box-shadow:4px 4px 4px  
4px #144DFE }
```

# Background

The CSS property to change the background color of an element to Hex 144DFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144DFE }
```

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

```
.background{ background-color:#144DFE }
```

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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