

Converting Colors

Hex(75BEFF)

Have a look what the booklet for
Hex(75BEFF) contains.

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Color

Hex(75BEFF)

Conversions

Conversions Part 1

Format	Color
Hex	75BEFF
RGB	117, 190, 255
RGB Percent	46%, 75%, 100%
CMY	0.5412, 0.2549, 0.0000
CMYK	0.54, 0.25, 0.00, 0.00
HSL	208°, 100%, 73%
HSV	208°, 54%, 100%
XYZ	43.7996, 47.8288, 101.5311
YIQ	175.5830, -64.3730, 4.7390

Conversions

Conversions Part 2

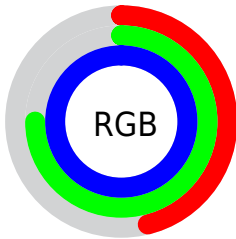
Format	Color
RYB	117, 165, 255
Decimal	7716607
CIELab	74.72, -4.82, -38.98
CIELCh	75, 39.282, 262.953
Yxy	47.8288, 0.2268, 0.2476
Android (android.graphics.Color)	4285906687 (0xFF75BEFF)
YUV	175.5830, 39.1526, -51.3773
Hunter-Lab	69.1584, -7.9791, -38.6325

Details

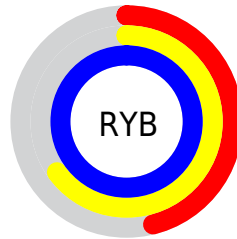
The Hex color **75BEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB675**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B0F6FF**, and **3489C6** is the 20% darker color. If you saturate the color by 10%, you get **5BB2FF**, and if you desaturate by 10%, it is **8FCAFF**.

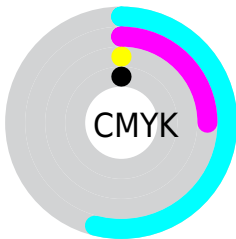
Distribution



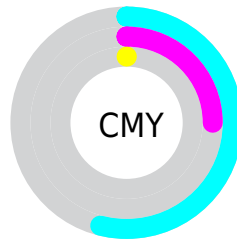
- Red (46%)
- Green (75%)
- Blue (100%)



- Red (46%)
- Yellow (65%)
- Blue (100%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BEFF 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 75BEFF by changing the saturation by 10% instead.

 75BEFF

 75BEFF

FFFFFF

 56A3E2

 B0F6FF

 3489C6

 CEFFFF

 0070AA

 ECFFFF

 005790

 004076

 002B5D

 001745

 00042E

 000118

 75BEFF

 75BEFF

 5BB2FF

 8FCAFF

 42A6FF

 A8D6FF

 289AFF

 C2E2FF

 0F8EFF

 DBEFFF

 0087FF

 F4FAFF

FFFFFF

Harmonies

Analogous

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



36C7F1



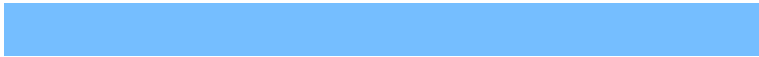
75BEFF



B0B2FA

Triad

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



75BEFF



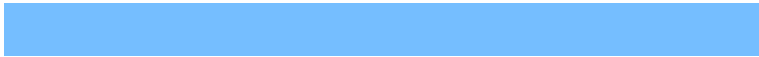
FE9D9D



8AC68B

Complementary

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



75BEFF



FFB675

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.



B3BE74



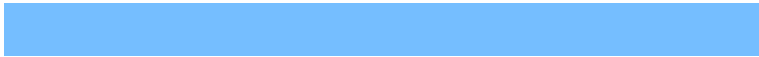
75BEFF



F2A67F

Square

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



75BEFF



F89DC2



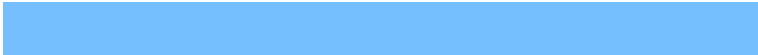
D8B370



5ACBAE

Rectangle

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



75BEFF



D0A9ED



D8B370



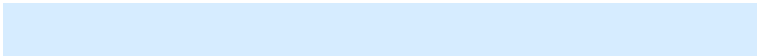
98C482

Sweetspot

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



75BEFF



D6ECFF



75FFB5



677480



000000



808080

Same Dimension

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



75BEFF



59B1FF



757AFF



737980



0065BF



002240

Inverse Universe

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



FF75BE



FF59B1



FFFA75



807379



BF0065



400022

Previews

White Background



This preview shows how the Hex color 75BEFF looks on a white background.

Color Contrast Check

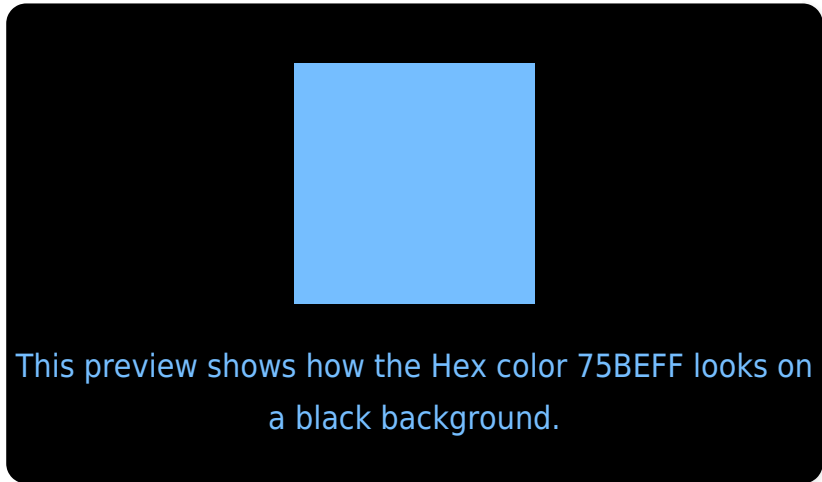
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

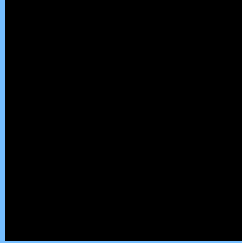
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

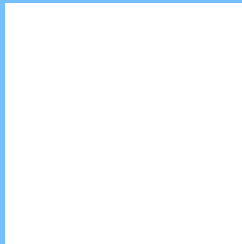
Any Text WCAG AAA ✓ Pass

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

Hex 75BEFF Background



This preview shows how black text looks on a background with the Hex color 75BEFF.

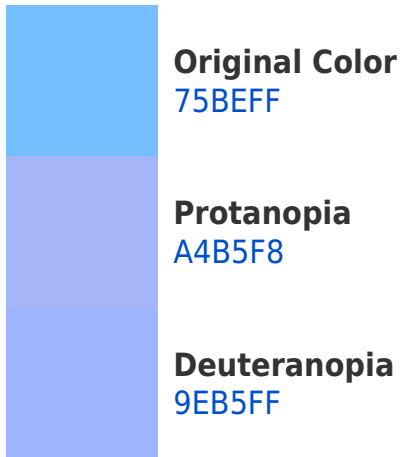


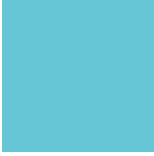
This preview shows how white text looks on a background with the Hex color 75BEFF.

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



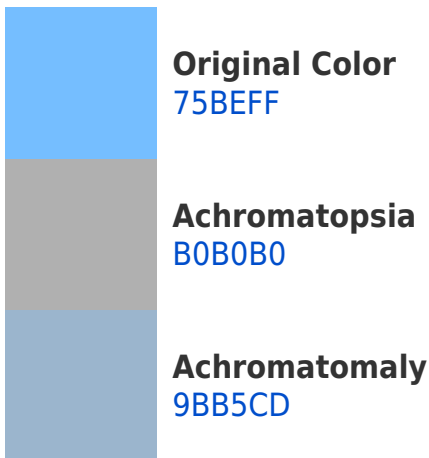


Tritanopia
66C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BEFF 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 #75BEFF looks like.

```
.text, #text, p{  
    color:#75BEFF  
}
```

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 #75BEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BEFF
}
```

Border

The CSS property to change the border of an element to Hex 75BEFF 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
#75BEFF }
```

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

```
.border{ border-color:#75BEFF }
```

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

Here you see how a box with a 4 pixel #75BEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BEFF; -webkit-box-shadow:4px 4px  
4px 4px #75BEFF; box-shadow:4px 4px 4px  
4px #75BEFF }
```

Background

The CSS property to change the background color of an element to Hex 75BEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BEFF }
```

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

```
.background{ background-color:#75BEFF }
```

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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