

Converting Colors

Hex(75BEF2)

Have a look what the booklet for
Hex(75BEF2) contains.

Hex(75BEF2)	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(75BEF2)

Conversions

Conversions Part 1

Format	Color
Hex	75BEF2
RGB	117, 190, 242
RGB Percent	46%, 75%, 95%
CMY	0.5412, 0.2549, 0.0510
CMYK	0.52, 0.21, 0.00, 0.05
HSL	205°, 83%, 70%
HSV	205°, 52%, 95%
XYZ	41.7766, 47.0196, 90.8782
YIQ	174.1010, -60.2000, 0.6960

Conversions

Conversions Part 2

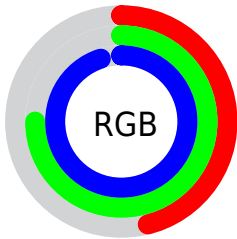
Format	Color
R _Y B	117, 163, 242
Decimal	7716594
CIE Lab	74.20, -8.64, -32.78
CIE LCh	74, 33.904, 255.233
Yxy	47.0196, 0.2325, 0.2617
Android (android.graphics.Color)	4285906674 (0xFF75BEF2)
YUV	174.1010, 33.4742, -50.0776
Hunter-Lab	68.5709, -11.2484, -30.5785

Details

The Hex color **75BEF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F2A975**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **AFF6FF**, and **3789BA** is the 20% darker color. If you saturate the color by 10%, you get **5DB4F2**, and if you desaturate by 10%, it is **8DC8F2**.

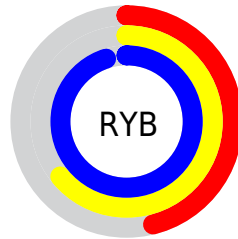
Distribution



Red (46%)

Green (75%)

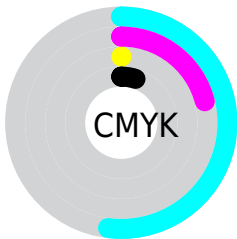
Blue (95%)



Red (46%)

Yellow (64%)

Blue (95%)

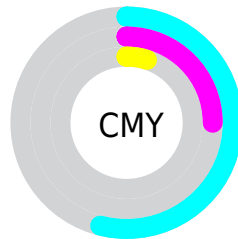


Cyan (52%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (54%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BEF2 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 75BEF2 by changing the saturation by 10% instead.

 75BEF2

 75BEF2

FFFFFF

 57A3D6

 AFF6FF

 3789BA

 CDFFFF

 046F9F

 EBFFFF

 005784

 00406B

 002A52

 00163B

 000225

 00010D

 75BEF2

 75BEF2

 5DB4F2

 8DC8F2

 45AAF2

 A5D2F2

 2CA0F2

 BEDCF2

 1496F2

 D6E6F2

 008DF2

 EEF0F2

 FFFAF2

 FFFFF2

Harmonies

Analogous

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



51C5E2



75BEF2



A5B4F2

Triad

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



75BEF2



F49FA8



99C28A

Complementary

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



75BEF2



F2A975

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.



BCBA7A



75BEF2



EEA58C

Square

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



75BEF2



EAA1C7



DAAF7B



74C6A6

Rectangle

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



75BEF2



C2ACE9



DAAF7B



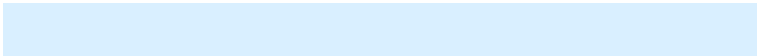
A5BF83

Sweetspot

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



75BEF2



D9EFFF



75F2A7



697680



000000



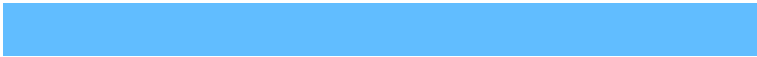
808080

Same Dimension

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



75BEF2



61BDFF



7581F2



6C7378



006BB8



002138

Inverse Universe

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



F275BE



FF61BD



F2E575



786C73



B8006B



380021

Previews

White Background



This preview shows how the Hex color 75BEF2 looks on a white background.

Color Contrast Check

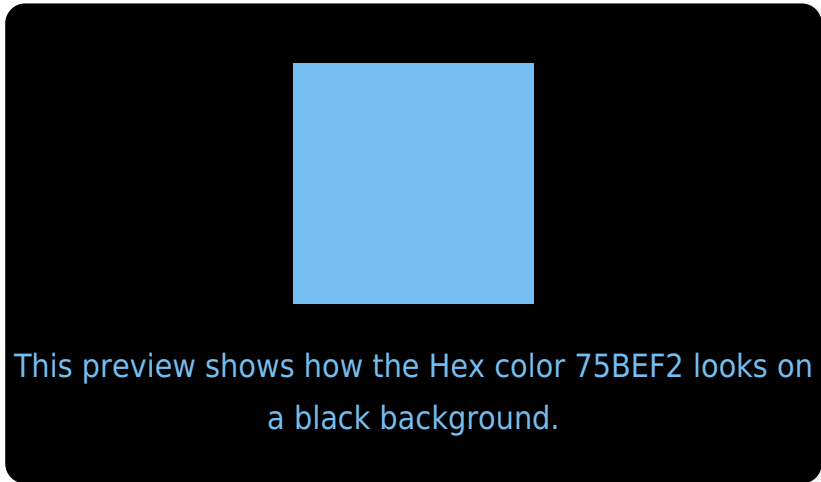
Large Text (above 18pt) WCAG AA × Fail

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

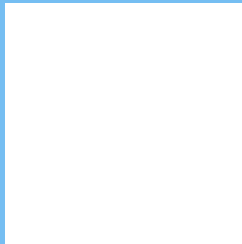
Any Text WCAG AAA ✓ Pass

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

Hex 75BEF2 Background



This preview shows how black text looks on a background with the Hex color 75BEF2.

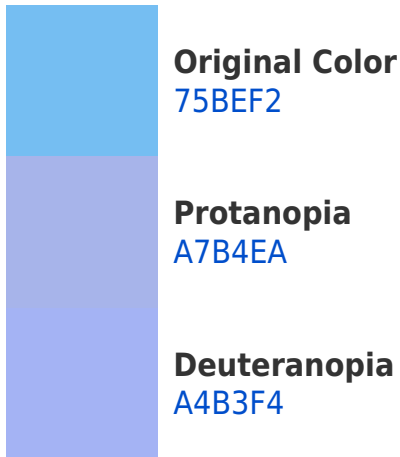


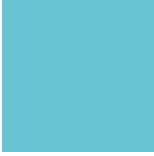
This preview shows how white text looks on a background with the Hex color 75BEF2.

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](#).

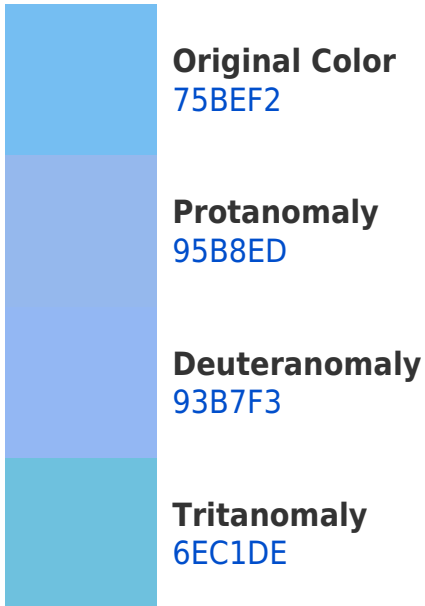
Dichromacy



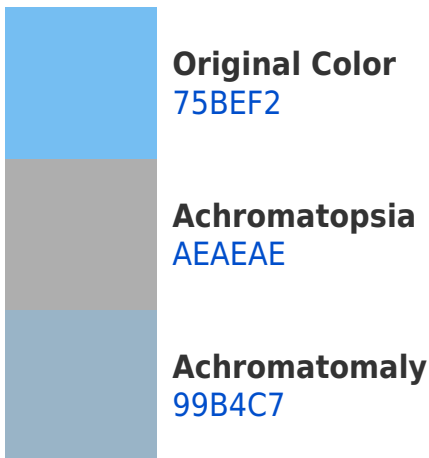


Tritanopia
6AC3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BEF2 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 #75BEF2 looks like.

```
.text, #text, p{  
    color:#75BEF2  
}
```

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 #75BEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BEF2
}
```

Border

The CSS property to change the border of an element to Hex 75BEF2 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
#75BEF2 }
```

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

```
.border{ border-color:#75BEF2 }
```

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

Here you see how a box with a 4 pixel #75BEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BEF2; -webkit-box-shadow:4px 4px  
4px 4px #75BEF2; box-shadow:4px 4px 4px  
4px #75BEF2 }
```

Background

The CSS property to change the background color of an element to Hex 75BEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BEF2 }
```

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

```
.background{ background-color:#75BEF2 }
```

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