

Converting Colors

Hex(75ABE4)

Have a look what the booklet for
Hex(75ABE4) contains.

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Color

Hex(75ABE4)

Conversions

Conversions Part 1

Format	Color
Hex	75ABE4
RGB	117, 171, 228
RGB Percent	46%, 67%, 89%
CMY	0.5412, 0.3294, 0.1059
CMYK	0.49, 0.25, 0.00, 0.11
HSL	211°, 67%, 68%
HSV	211°, 49%, 89%
XYZ	35.9026, 38.5092, 78.9395
YIQ	161.3520, -50.4810, 6.2790

Conversions

Conversions Part 2

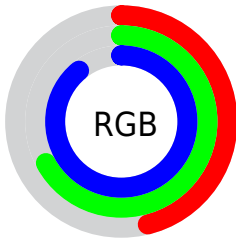
Format	Color
RYB	117, 153, 228
Decimal	7711716
CIELab	68.39, -2.33, -34.16
CIElCh	68, 34.242, 266.096
Yxy	38.5092, 0.2341, 0.2511
Android (android.graphics.Color)	4285901796 (0xFF75ABE4)
YUV	161.3520, 32.8575, -38.8967
Hunter-Lab	62.0558, -5.3256, -31.9823

Details

The Hex color **75ABE4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4AE75**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **AEE2FF**, and **3B77AC** is the 20% darker color. If you saturate the color by 10%, you get **5E9FE4**, and if you desaturate by 10%, it is **8CB7E4**.

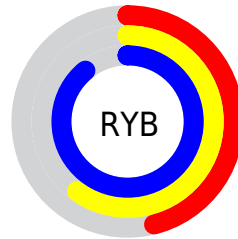
Distribution



Red (46%)

Green (67%)

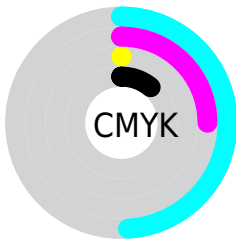
Blue (89%)



Red (46%)

Yellow (60%)

Blue (89%)

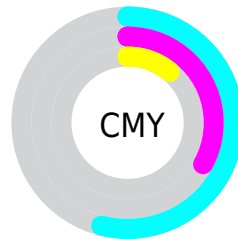


Cyan (49%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75ABE4 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 75ABE4 by changing the saturation by 10% instead.

■ 75ABE4

■ 75ABE4

FFFFFF

■ 5891C8

■ AEE2FF

■ 3B77AC

■ CBFFFF

■ 155E92

■ E8FFFF

■ 004778

■ 00315F

■ 001C47

■ 000430

■ 00011A

■ 000000

 75ABE4


 75ABE4

 5E9FE4

 8CB7E4

 4794E4

 A3C2E4

 3188E4

 B9CEE4

 1A7CE4

 D0DAE4

 0370E4

 E7E6E4

 006FE4

 FEF1E4

 FFFDE4

 FFFFE4

Harmonies

Analogous

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



45B3D9



75ABE4



A5A0DE

Triad

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



75ABE4



E3918D



7CB483

Complementary

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



75ABE4



E4AE75

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.



A0AD6E



75ABE4



D79974

Square

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



75ABE4



DF8FAC



BFA369



55B7A1

Rectangle

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



75ABE4



BF99D2



BFA369



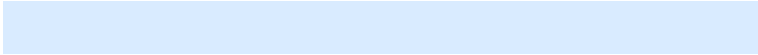
88B27B

Sweetspot

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



75ABE4



D9EBFF



75E4AD



697480



000000



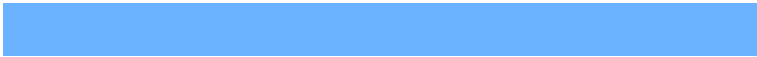
808080

Same Dimension

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



75ABE4



6BB3FF



7575E4



676D73



0057B3



001933

Inverse Universe

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



E475AB



FF6BB3



E4E475



73676D



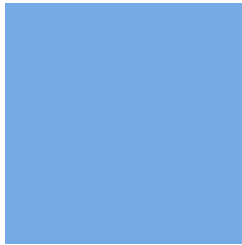
B30057



330019

Previews

White Background



This preview shows how the Hex color 75ABE4 looks on a white background.

Color Contrast Check

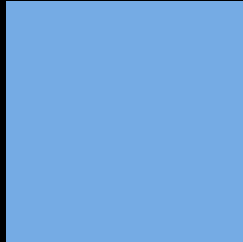
Large Text (above 18pt) WCAG AA × Fail

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 75ABE4 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

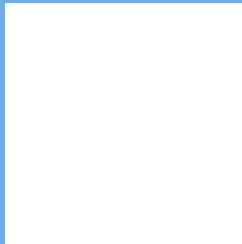
Any Text WCAG AAA ✓ Pass

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

Hex 75ABE4 Background



This preview shows how black text looks on a background with the Hex color 75ABE4.

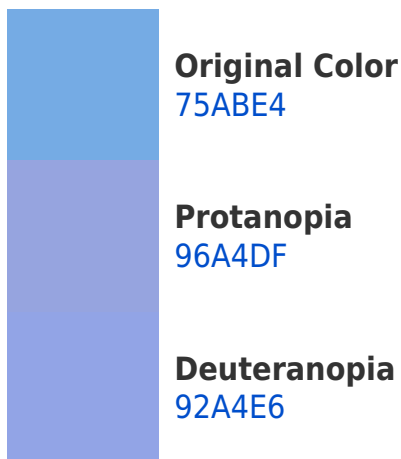


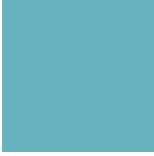
This preview shows how white text looks on a background with the Hex color 75ABE4.

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](#).

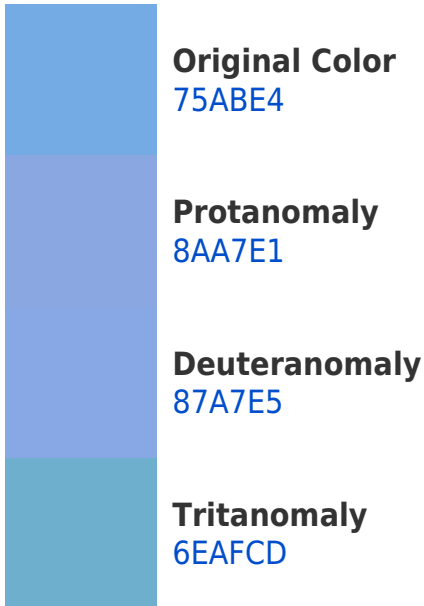
Dichromacy



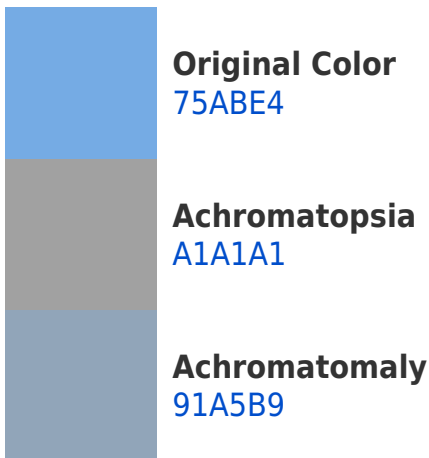


Tritanopia
6AB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75ABE4 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 #75ABE4 looks like.

```
.text, #text, p{  
    color:#75ABE4  
}
```

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 #75ABE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75ABE4
}
```

Border

The CSS property to change the border of an element to Hex 75ABE4 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
#75ABE4 }
```

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

```
.border{ border-color:#75ABE4 }
```

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

Here you see how a box with a 4 pixel #75ABE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75ABE4; -webkit-box-shadow:4px 4px  
4px 4px #75ABE4; box-shadow:4px 4px 4px  
4px #75ABE4 }
```

Background

The CSS property to change the background color of an element to Hex 75ABE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75ABE4 }
```

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

```
.background{ background-color:#75ABE4 }
```

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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