

Converting Colors

Hex(737AE1)

Have a look what the booklet for
Hex(737AE1) contains.

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Color

Hex(737AE1)

Conversions

Conversions Part 1

Format	Color
Hex	737AE1
RGB	115, 122, 225
RGB Percent	45%, 48%, 88%
CMY	0.5490, 0.5216, 0.1176
CMYK	0.49, 0.46, 0.00, 0.12
HSL	236°, 65%, 67%
HSV	236°, 49%, 88%
XYZ	27.6204, 23.0001, 74.2179
YIQ	131.6490, -37.2350, 30.5490

Conversions

Conversions Part 2

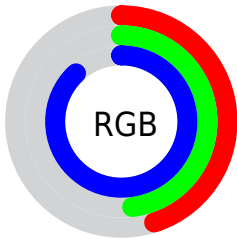
Format	Color
R _Y B	115, 122, 225
Decimal	7568097
CIE Lab	55.07, 24.84, -53.47
CIE LCh	55, 58.961, 294.912
Yxy	23.0001, 0.2212, 0.1842
Android (android.graphics.Color)	4285758177 (0xFF737AE1)
YUV	131.6490, 46.0220, -14.6012
Hunter-Lab	47.9585, 18.8749, -58.1830

Details

The Hex color **737AE1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E1DA73**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ACAEFF**, and **374AA9** is the 20% darker color. If you saturate the color by 10%, you get **5D65E1**, and if you desaturate by 10%, it is **8A8FE1**.

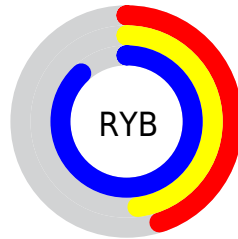
Distribution



Red (45%)

Green (48%)

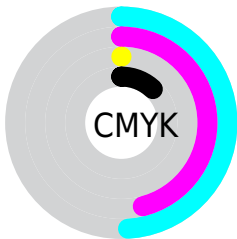
Blue (88%)



Red (45%)

Yellow (48%)

Blue (88%)

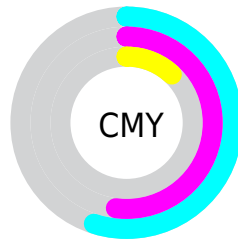


Cyan (49%)

Magenta (46%)

Yellow (0%)

Black (12%)



Cyan (55%)

Magenta (52%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 737AE1 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 737AE1 by changing the saturation by 10% instead.

■ 737AE1

■ 737AE1

FFFFFF

■ 5661C5

■ ACAEFF

■ 374AA9

■ CACAFF

■ 0D338E

■ E7E6FF

■ 001F74

■ 000B5B

■ 000442

■ 00032B

■ 000115

■ 000000

 737AE1

 737AE1

 5D65E1

 8A8FE1

 4650E1

 A0A4E1

 303BE1

 B7B9E1

 1926E1

 CDCEE1

 0311E1

 E3E3E1

 000EE1

 FAF8E1

 FFFFE1

Harmonies

Analogous

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



008CEA



737AE1



B963BF

Triad

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



737AE1



CA6A2F



009B79

Complementary

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



737AE1



E1DA73

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.



2A9746



737AE1



A57E0B

Square

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



737AE1



DE565C



748E19



009CAD

Rectangle

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



737AE1



D356A0



748E19



009A67

Sweetspot

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



737AE1



D9DBFF



73E1DA



696A80



000000



808080

Same Dimension

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



737AE1



6972FF



A373E1



656670



000BB0



000330

Inverse Universe

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



E1737A



FF6972



B1E173



706566



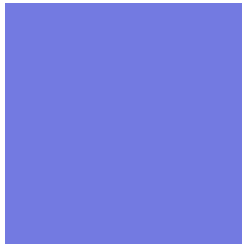
B0000B



300003

Previews

White Background



This preview shows how the Hex color 737AE1 looks on a white background.

Color Contrast Check

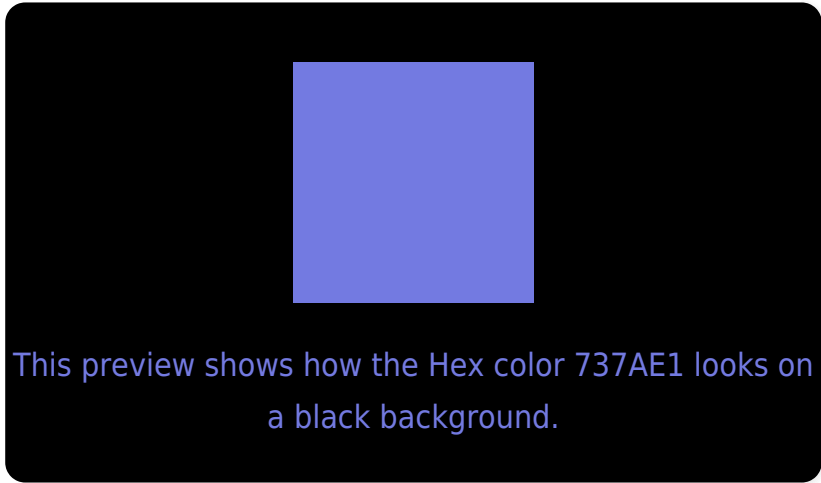
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

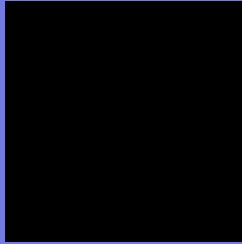
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 737AE1 Background



This preview shows how black text looks on a background with the Hex color 737AE1.



This preview shows how white text looks on a background with the Hex color 737AE1.

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](#).

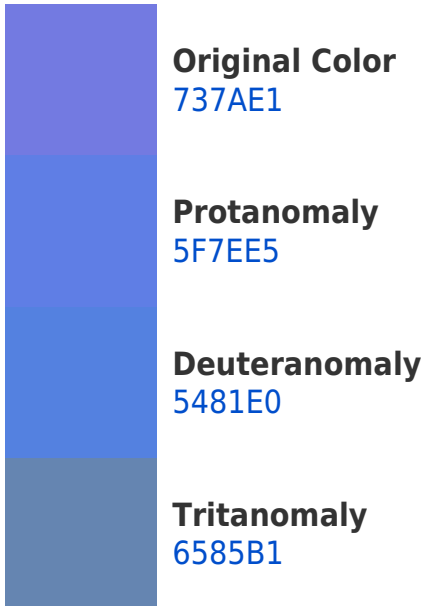
Dichromacy





Tritanopia
5D8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 737AE1 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 #737AE1 looks like.

```
.text, #text, p{  
  color:#737AE1  
}
```

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 #737AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737AE1
}
```

Border

The CSS property to change the border of an element to Hex 737AE1 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
#737AE1 }
```

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

```
.border{ border-color:#737AE1 }
```

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

Here you see how a box with a 4 pixel #737AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737AE1; -webkit-box-shadow:4px 4px  
4px 4px #737AE1; box-shadow:4px 4px 4px  
4px #737AE1 }
```

Background

The CSS property to change the background color of an element to Hex 737AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737AE1 }
```

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

```
.background{ background-color:#737AE1 }
```

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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