

Converting Colors

Hex(3E88CE)

Have a look what the booklet for
Hex(3E88CE) contains.

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Color

Hex(3E88CE)

Conversions

Conversions Part 1

Format	Color
Hex	3E88CE
RGB	62, 136, 206
RGB Percent	24%, 53%, 81%
CMY	0.7569, 0.4667, 0.1922
CMYK	0.70, 0.34, 0.00, 0.19
HSL	209°, 60%, 53%
HSV	209°, 70%, 81%
XYZ	21.9313, 23.0887, 61.6932
YIQ	121.8540, -66.5740, 6.0820

Conversions

Conversions Part 2

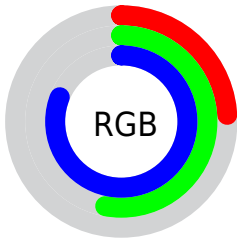
Format	Color
R _Y B	62, 111, 206
Decimal	4098254
CIE Lab	55.16, -0.06, -42.80
CIE LCh	55, 42.801, 269.914
Yxy	23.0887, 0.2055, 0.2164
Android (android.graphics.Color)	4282288334 (0xFF3E88CE)
YUV	121.8540, 41.4840, -52.4920
Hunter-Lab	48.0507, -2.6175, -42.4881

Details

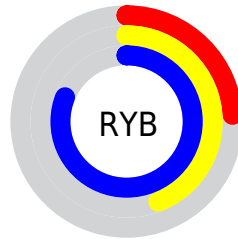
The Hex color **3E88CE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CE843E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7DBDFF**, and **005797** is the 20% darker color. If you saturate the color by 10%, you get **297ECE**, and if you desaturate by 10%, it is **5392CE**.

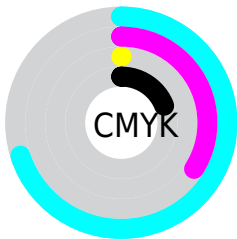
Distribution



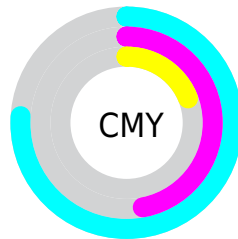
- Red (24%)
- Green (53%)
- Blue (81%)



- Red (24%)
- Yellow (44%)
- Blue (81%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (76%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E88CE 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 3E88CE by changing the saturation by 10% instead.

 3E88CE

 3E88CE

FFFFFF

 0F6FB2

 7DBDFF

 005797

 9BD9FF

 00407D

 B8F5FF

 002A64

 D6FFFF

 00164B

 F4FFFF

 000434

 00021E

 000000

 3E88CE

 3E88CE

■ 297ECE

■ 5392CE

■ 1574CE

■ 679CCE

■ 006ACE

■ 7CA6CE

■ 90B0CE

■ A5BACE

■ BAC4CE

■ CECECE

■ E3D8CE

■ F7E2CE

Harmonies

Analogous

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



0091C4



3E88CE



867AC4

Triad

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



3E88CE



C86861



44945D

Complementary

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



3E88CE



CE843E

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.



748D41



3E88CE



B77444

Square

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



3E88CE



C76586



9A8237



009783

Rectangle

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



3E88CE



A671B4



9A8237



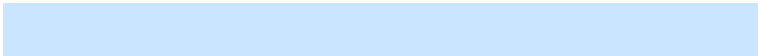
569253

Sweetspot

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



3E88CE



C9E5FF



3ECE84



607080



000000



808080

Same Dimension

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



3E88CE



2997FF



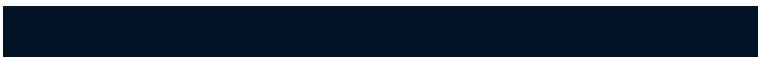
3E40CE



5C6166



0055A6



001426

Inverse Universe

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



CE3E88



FF2997



CECC3E



665C61



A60055



260014

Previews

White Background



This preview shows how the Hex color 3E88CE looks on a white background.

Color Contrast Check

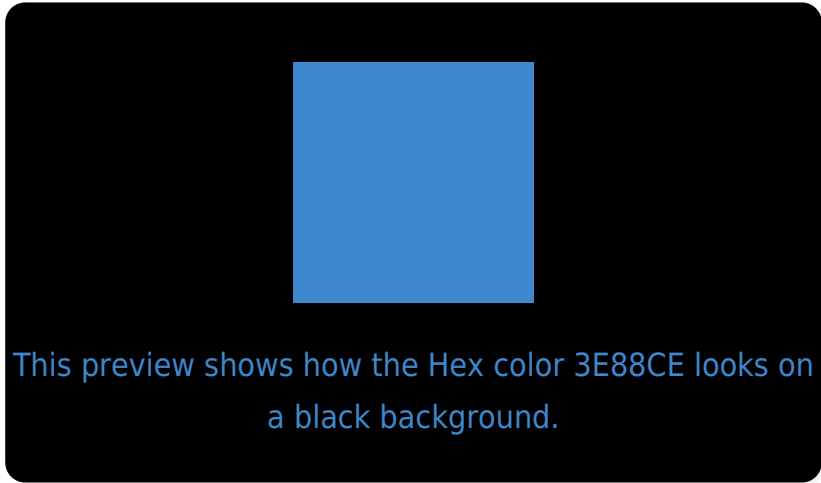
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E88CE Background



This preview shows how black text looks on a background with the Hex color 3E88CE.



This preview shows how white text looks on a background with the Hex color 3E88CE.

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](#).

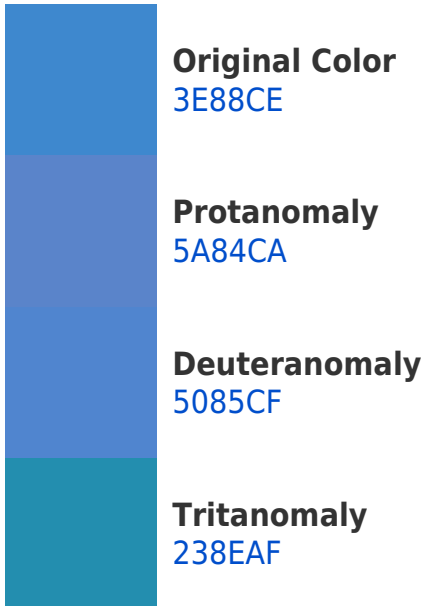
Dichromacy



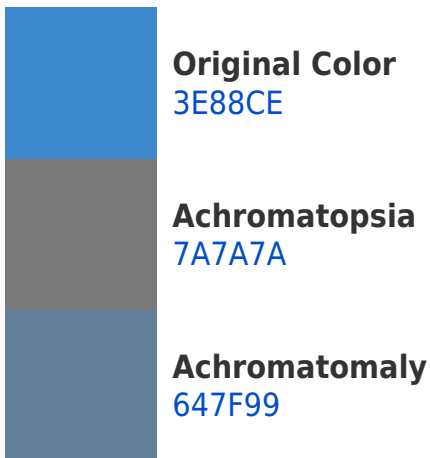


Tritanopia
14929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E88CE 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 #3E88CE looks like.

```
.text, #text, p{  
    color:#3E88CE  
}
```

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 #3E88CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E88CE
}
```

Border

The CSS property to change the border of an element to Hex 3E88CE 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
#3E88CE }
```

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

```
.border{ border-color:#3E88CE }
```

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

Here you see how a box with a 4 pixel #3E88CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E88CE; -webkit-box-shadow:4px 4px  
4px 4px #3E88CE; box-shadow:4px 4px 4px  
4px #3E88CE }
```

Background

The CSS property to change the background color of an element to Hex 3E88CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E88CE }
```

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

```
.background{ background-color:#3E88CE }
```

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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