

Converting Colors

Hex(3E83C4)

Have a look what the booklet for
Hex(3E83C4) contains.

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Color

Hex(3E83C4)

Conversions

Conversions Part 1

Format	Color
Hex	3E83C4
RGB	62, 131, 196
RGB Percent	24%, 51%, 77%
CMY	0.7569, 0.4863, 0.2314
CMYK	0.68, 0.33, 0.00, 0.23
HSL	209°, 53%, 51%
HSV	209°, 68%, 77%
XYZ	20.0667, 21.2423, 55.2671
YIQ	117.7790, -61.9890, 5.5870

Conversions

Conversions Part 2

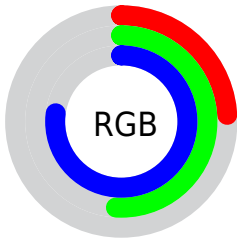
Format	Color
R _Y B	62, 108, 196
Decimal	4096964
CIE Lab	53.21, -0.61, -40.20
CIE LCh	53, 40.209, 269.132
Yxy	21.2423, 0.2078, 0.2200
Android (android.graphics.Color)	4282287044 (0xFF3E83C4)
YUV	117.7790, 38.5630, -48.9182
Hunter-Lab	46.0893, -2.9397, -38.8339

Details

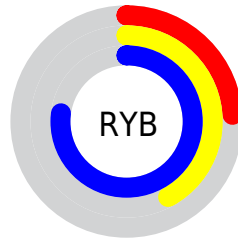
The Hex color **3E83C4** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **C47F3E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7BB8FD**, and **00528E** is the 20% darker color. If you saturate the color by 10%, you get **2A79C4**, and if you desaturate by 10%, it is **528DC4**.

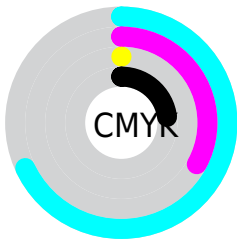
Distribution



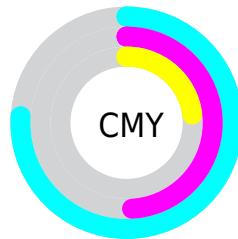
- Red (24%)
- Green (51%)
- Blue (77%)



- Red (24%)
- Yellow (42%)
- Blue (77%)



- Cyan (68%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E83C4 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 3E83C4 by changing the saturation by 10% instead.



3E83C4



3E83C4

FFFFFF



146AA9



7BB8FD



00528E



99D3FF



003B74



B6F0FF



00265B



D4FFFF



001143



F2FFFF



00032C



000117



000000



3E83C4



3E83C4

■ 2A79C4

■ 528DC4

■ 1770C4

■ 6596C4

■ 0366C4

■ 79A0C4

■ 0065C4

■ 8CA9C4

■ A0B3C4

■ B4BCC4

■ C7C6C4

■ DBCFC4

■ EED9C4

Harmonies

Analogous

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



008CBA



3E83C4



8076BC

Triad

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



3E83C4



BF655F



468E5A

Complementary

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



3E83C4



C47F3E

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.



718740



3E83C4



B07044

Square

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



3E83C4



BE6281



947D38



00917D

Rectangle

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



3E83C4



9D6DAD



947D38



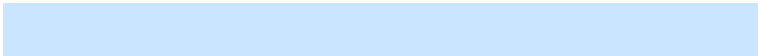
568C50

Sweetspot

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



3E83C4



C9E5FF



3EC47F



607080



000000



808080

Same Dimension

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



3E83C4



2E9AFF



3E40C4



575C61



0053A1



001121

Inverse Universe

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



C43E83



FF2E9A



C4C23E



61575C



A10053



210011

Previews

White Background



This preview shows how the Hex color 3E83C4 looks on a white background.

Color Contrast Check

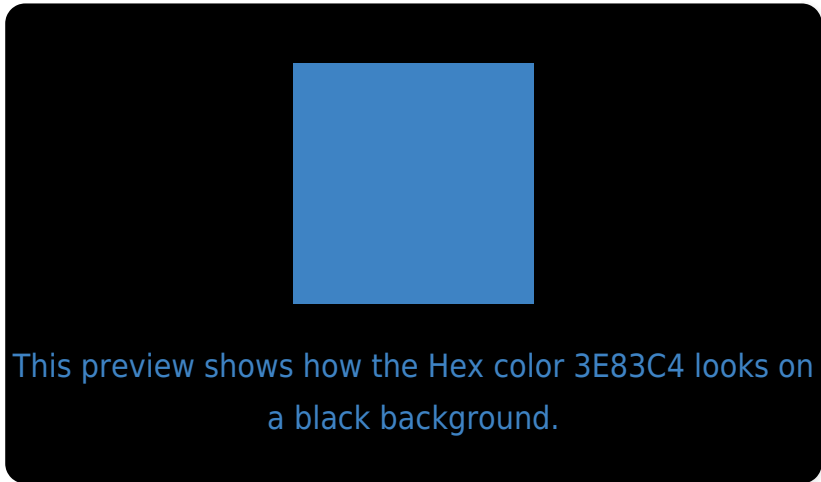
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E83C4 Background



This preview shows how black text looks on a background with the Hex color 3E83C4.

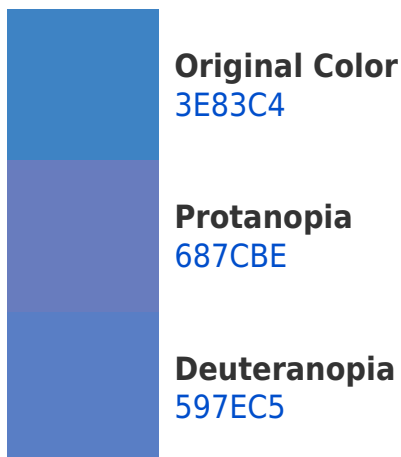


This preview shows how white text looks on a background with the Hex color 3E83C4.

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](#).

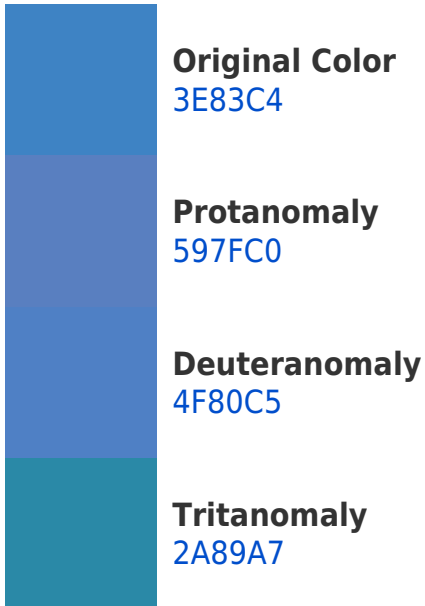
Dichromacy



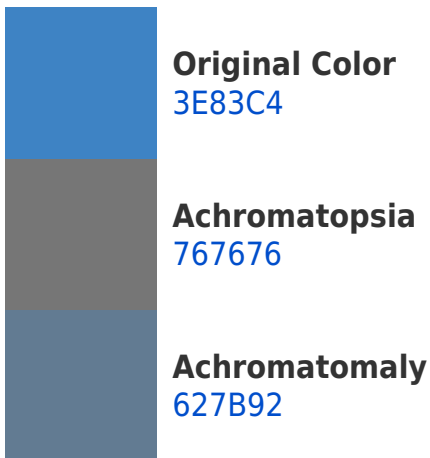


Tritanopia
1E8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E83C4 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 #3E83C4 looks like.

```
.text, #text, p{  
    color:#3E83C4  
}
```

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 #3E83C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E83C4
}
```

Border

The CSS property to change the border of an element to Hex 3E83C4 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
#3E83C4 }
```

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

```
.border{ border-color:#3E83C4 }
```

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

Here you see how a box with a 4 pixel #3E83C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E83C4; -webkit-box-shadow:4px 4px  
4px 4px #3E83C4; box-shadow:4px 4px 4px  
4px #3E83C4 }
```

Background

The CSS property to change the background color of an element to Hex 3E83C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E83C4 }
```

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

```
.background{ background-color:#3E83C4 }
```

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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