

Converting Colors

Hex(3C1E84)

Have a look what the booklet for
Hex(3C1E84) contains.

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Color

Hex(3C1E84)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E84
RGB	60, 30, 132
RGB Percent	24%, 12%, 52%
CMY	0.7647, 0.8824, 0.4824
CMYK	0.55, 0.77, 0.00, 0.48
HSL	258°, 63%, 32%
HSV	258°, 77%, 52%
XYZ	6.4926, 3.5551, 22.1738
YIQ	50.5980, -14.8620, 38.0820

Conversions

Conversions Part 2

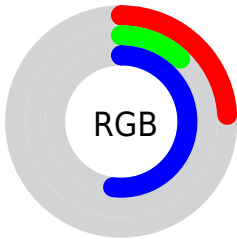
Format	Color
RYB	60, 30, 132
Decimal	3939972
CIELab	22.14, 39.98, -51.90
CIElCh	22, 65.519, 307.608
Yxy	3.5551, 0.2015, 0.1103
Android (android.graphics.Color)	4282130052 (0xFF3C1E84)
YUV	50.5980, 40.1312, 8.2456
Hunter-Lab	18.8551, 28.4687, -56.5271

Details

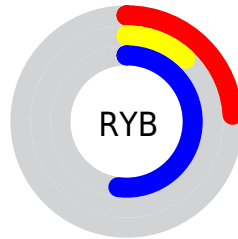
The Hex color **3C1E84** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **66841E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **734EBA**, and **000051** is the 20% darker color. If you saturate the color by 10%, you get **331184**, and if you desaturate by 10%, it is **452B84**.

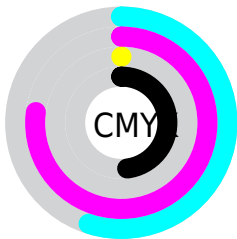
Distribution



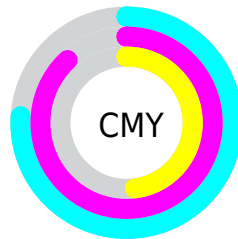
- Red (24%)
- Green (12%)
- Blue (52%)



- Red (24%)
- Yellow (12%)
- Blue (52%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)
- Black (48%)



- Cyan (76%)
- Magenta (88%)
- Yellow (48%)
- Black (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1E84 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 3C1E84 by changing the saturation by 10% instead.

■ 3C1E84

■ 3C1E84

FFFFFF

■ 1E056A

■ 734EBA

■ 000051

■ 8F66D6

■ 000139

■ AB80F3

■ 000223

■ C89AFF

■ 000009

■ E5B6FF

■ 000000

■ FFD2FF

■ FFEEFF

■ 3C1E84

■ 3C1E84

■ 331184

■ 452B84

■ 290484

■ 4F3884

■ 270084

■ 584684

■ 615384

■ 6B6084

■ 746D84

■ 7D7A84

■ 878884

■ 909584

Harmonies

Analogous

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



003998



3C1E84



74005B

Triad

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



3C1E84



5E2300



004641

Complementary

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



3C1E84



66841E

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.



00450A



3C1E84



373700

Square

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



3C1E84



7A0000



004100



004770

Rectangle

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



3C1E84



82003B



004100



004630

Sweetspot

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



3C1E84



8F84AB



1E6784



463E57



D6D6D6



575757

Same Dimension

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



3C1E84



3B0CAB



6E1E84



3E3C42



260082



010003

Inverse Universe

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



841E66



AB0C7C



34841E



423C40



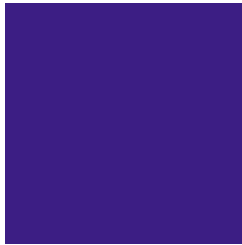
82005C



030002

Previews

White Background



This preview shows how the Hex color 3C1E84 looks on a white background.

Color Contrast Check

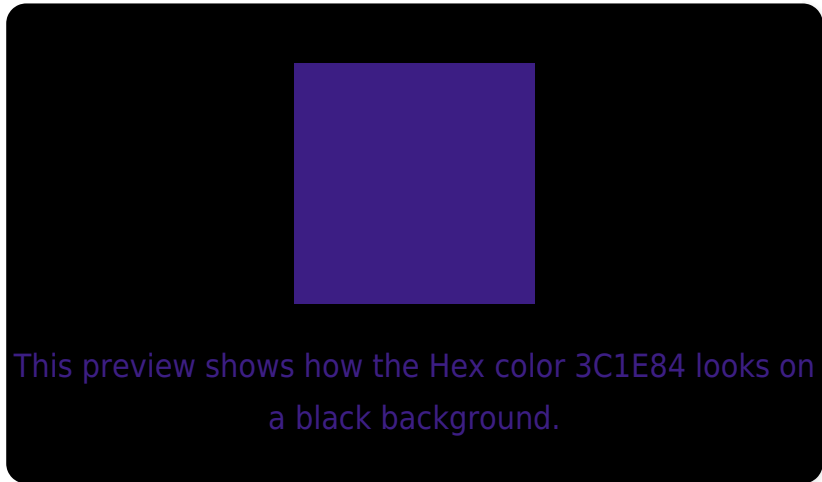
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

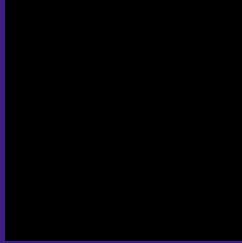
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3C1E84 Background



This preview shows how black text looks on a background with the Hex color 3C1E84.



This preview shows how white text looks on a background with the Hex color 3C1E84.

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](#).

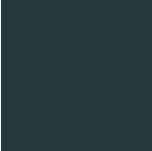
Dichromacy



Original Color
3C1E84

Protanopia
00346D

Deuteranopia
00375E



Tritanopia
24393E

Trichromacy



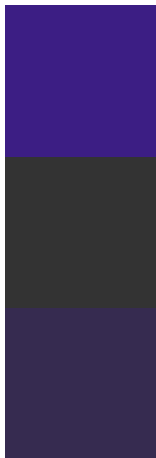
Original Color
3C1E84

Protanomaly
162C75

Deuteranomaly
162E6C

Tritanomaly
2D2F57

Monochromacy



Original Color
3C1E84

Achromatopsia
333333

Achromatomaly
362B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1E84 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 #3C1E84 looks like.

```
.text, #text, p{  
    color:#3C1E84  
}
```

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 #3C1E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1E84
}
```

Border

The CSS property to change the border of an element to Hex 3C1E84 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
#3C1E84 }
```

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

```
.border{ border-color:#3C1E84 }
```

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

Here you see how a box with a 4 pixel #3C1E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1E84; -webkit-box-shadow:4px 4px  
4px 4px #3C1E84; box-shadow:4px 4px 4px  
4px #3C1E84 }
```

Background

The CSS property to change the background color of an element to Hex 3C1E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1E84 }
```

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

```
.background{ background-color:#3C1E84 }
```

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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