

Converting Colors

Hex(3C1E54)

Have a look what the booklet for
Hex(3C1E54) contains.

Hex(3C1E54)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C1E54)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E54
RGB	60, 30, 84
RGB Percent	24%, 12%, 33%
CMY	0.7647, 0.8824, 0.6706
CMYK	0.29, 0.64, 0.00, 0.67
HSL	273°, 47%, 22%
HSV	273°, 64%, 33%
XYZ	3.9280, 2.5293, 8.6687
YIQ	45.1260, 0.5460, 23.1540

Conversions

Conversions Part 2

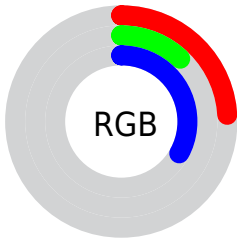
Format	Color
RYB	60, 30, 84
Decimal	3939924
CIELab	18.05, 26.10, -27.33
CIELCh	18, 37.790, 313.678
Yxy	2.5293, 0.2597, 0.1672
Android (android.graphics.Color)	4282130004 (0xFF3C1E54)
YUV	45.1260, 19.1649, 13.0445
Hunter-Lab	15.9038, 16.2552, -21.1846

Details

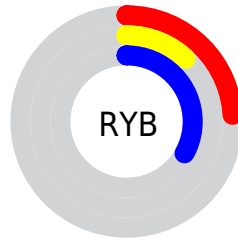
The Hex color **3C1E54** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **36541E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6D4C86**, and **0F0027** is the 20% darker color. If you saturate the color by 10%, you get **381654**, and if you desaturate by 10%, it is **402654**.

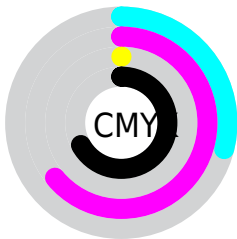
Distribution



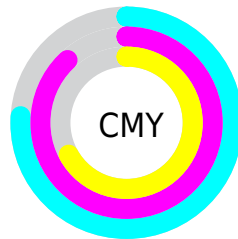
- Red (24%)
- Green (12%)
- Blue (33%)



- Red (24%)
- Yellow (12%)
- Blue (33%)



- Cyan (29%)
- Magenta (64%)
- Yellow (0%)
- Black (67%)



- Cyan (76%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1E54 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 3C1E54 by changing the saturation by 10% instead.



3C1E54



3C1E54

FFFFFF



24083D



6D4C86



0F0027



8764A0



00010F



A27DBC



000000



BE97D7



DAB2F4



F6CEFF



FFFAFF



3C1E54



3C1E54

■ 381654

■ 402654

■ 350D54

■ 432F54

■ 310554

■ 473754

■ 2F0054

■ 4B4054

■ 4F4854

■ 525054

■ 565954

■ 5A6154

■ 5E6A54

Harmonies

Analogous

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



002B62



3C1E54



540D3C

Triad

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



3C1E54



442500



003838

Complementary

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



3C1E54



36541E

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.



00371C



3C1E54



2C2F00

Square

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



3C1E54



541703



0A3400



003751

Rectangle

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



3C1E54



5B072A



0A3400



00382F

Sweetspot

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



3C1E54



64596E



1E3654



322B38



B8B8B8



383838

Same Dimension

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



3C1E54



48196E



541E51



272529



3A0069



8100E8

Inverse Universe

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



541E36



6E193F



1E5421



292527



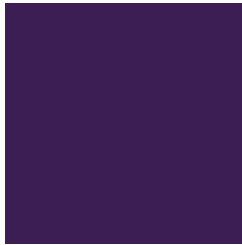
69002E



E80067

Previews

White Background



This preview shows how the Hex color 3C1E54 looks on a white background.

Color Contrast Check

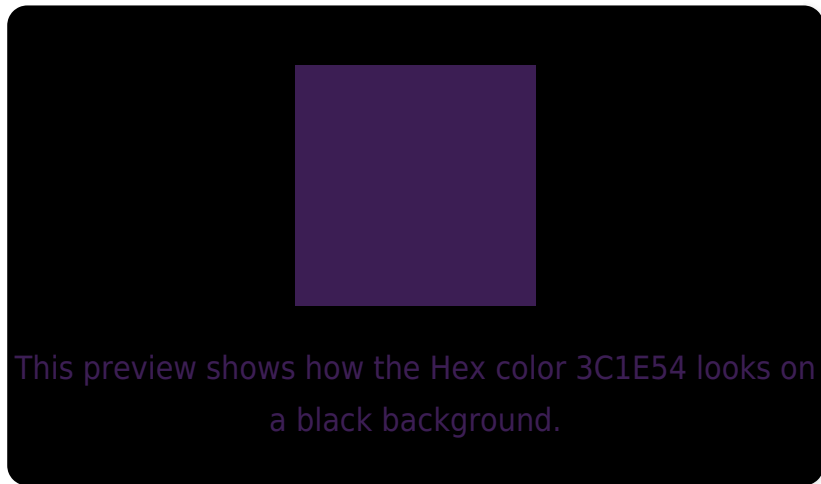
Large Text (above 18pt) WCAG AA ✓ Pass

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

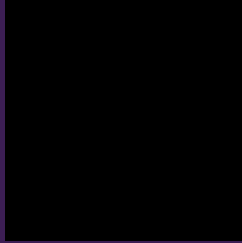
Any Text WCAG AA × Fail

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 3C1E54 Background



This preview shows how black text looks on a background with the Hex color 3C1E54.



This preview shows how white text looks on a background with the Hex color 3C1E54.

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
3C1E54

Protanopia
002B5C

Deuteranopia
052E51

Trichromacy



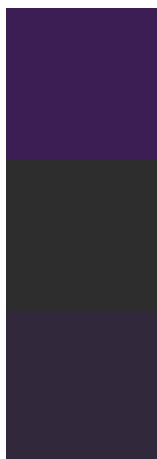
Original Color
3C1E54

Protanomaly
162659

Deuteranomaly
192852

Tritanomaly
38263B

Monochromacy



Original Color
3C1E54

Achromatopsia
2D2D2D

Achromatomaly
32283B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1E54 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 #3C1E54 looks like.

```
.text, #text, p{  
    color:#3C1E54  
}
```

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 #3C1E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1E54
}
```

Border

The CSS property to change the border of an element to Hex 3C1E54 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
#3C1E54 }
```

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

```
.border{ border-color:#3C1E54 }
```

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

Here you see how a box with a 4 pixel #3C1E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1E54; -webkit-box-shadow:4px 4px  
4px 4px #3C1E54; box-shadow:4px 4px 4px  
4px #3C1E54 }
```

Background

The CSS property to change the background color of an element to Hex 3C1E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1E54 }
```

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

```
.background{ background-color:#3C1E54 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor