

Converting Colors

Hex(3E31D0)

Have a look what the booklet for
Hex(3E31D0) contains.

Hex(3E31D0)	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(3E31D0)

Conversions

Conversions Part 1

Format	Color
Hex	3E31D0
RGB	62, 49, 208
RGB Percent	24%, 19%, 82%
CMY	0.7569, 0.8078, 0.1843
CMYK	0.70, 0.76, 0.00, 0.18
HSL	245°, 63%, 50%
HSV	245°, 76%, 82%
XYZ	14.4701, 7.7748, 60.4125
YIQ	71.0130, -43.2910, 52.2050

Conversions

Conversions Part 2

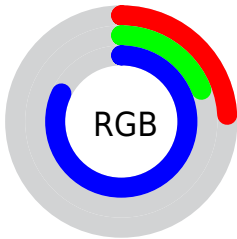
Format	Color
R _Y B	62, 49, 208
Decimal	4075984
CIE Lab	33.51, 53.58, -78.98
CIE LCh	34, 95.440, 304.151
Yxy	7.7748, 0.1751, 0.0941
Android (android.graphics.Color)	4282266064 (0xFF3E31D0)
YUV	71.0130, 67.5346, -7.9044
Hunter-Lab	27.8834, 43.8367, -108.9403

Details

The Hex color **3E31D0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C3D031**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8262FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **2B1CD0**, and if you desaturate by 10%, it is **5146D0**.

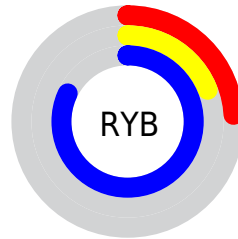
Distribution



 Red (24%)

 Green (19%)

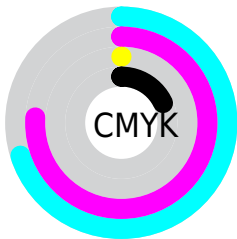
 Blue (82%)




 Red (24%)

 Yellow (19%)

 Blue (82%)

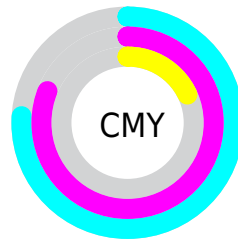


 Cyan (70%)

 Magenta (76%)

 Yellow (0%)

 Black (18%)



 Cyan (76%)

 Magenta (81%)

 Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E31D0 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 3E31D0 by changing the saturation by 10% instead.

■ 3E31D0

■ 3E31D0

FFFFFF

■ 0019B4

■ 8262FF

■ 000098

■ A17CFF

■ 00007D

■ BF97FF

■ 000063

■ DEB2FF

■ 00094A

■ FDCEFF

■ 000432

■ FFE8FF

■ 00021D

■ 000000

■ 3E31D0

■ 3E31D0

■ 2B1CD0

■ 5146D0

■ 1807D0

■ 645BD0

■ 1100D0

■ 776FD0

■ 8A84D0

■ 9D99D0

■ B1AED0

■ C4C3D0

■ D7D7D0

■ EAECD0

Harmonies

Analogous

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



0059EC



3E31D0



AA0093

Triad

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



3E31D0



922B00



006858

Complementary

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



3E31D0



C3D031

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.



006500



3E31D0



585000

Square

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



3E31D0



BB0000



006000



006AA4

Rectangle

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



3E31D0



C30061



006000



00673D

Sweetspot

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



3E31D0



C9C4FF



31C5D0



5F5C80



000000



808080

Same Dimension

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



3E31D0



2814FF



8B31D0



5F5E69



0E00A8



030029

Inverse Universe

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



D031C3



FF14EC



76D031



695E68



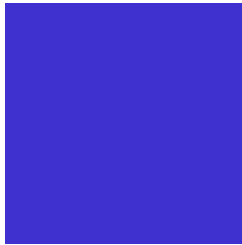
A8009B



290025

Previews

White Background



This preview shows how the Hex color 3E31D0 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

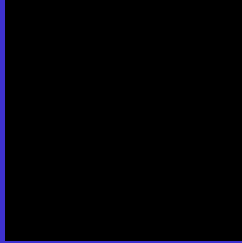
Any Text WCAG AA × Fail

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 3E31D0 Background



This preview shows how black text looks on a background with the Hex color 3E31D0.

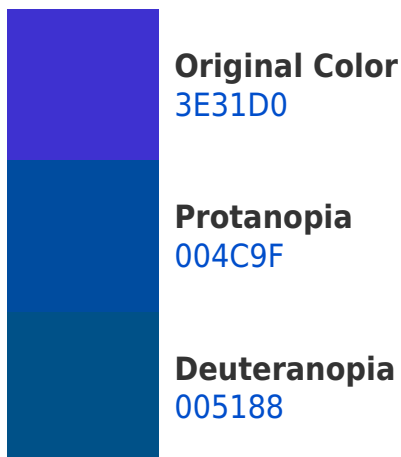


This preview shows how white text looks on a background with the Hex color 3E31D0.

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



Trichromacy



Original Color
3E31D0



Protanomaly
1742B1



Deuteranomaly
1745A2



Tritanomaly
174987

Monochromacy



Original Color
3E31D0



Achromatopsia
474747



Achromatomaly
443F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E31D0 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 #3E31D0 looks like.

```
.text, #text, p{  
    color:#3E31D0  
}
```

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 #3E31D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E31D0
}
```

Border

The CSS property to change the border of an element to Hex 3E31D0 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
#3E31D0 }
```

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

```
.border{ border-color:#3E31D0 }
```

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

Here you see how a box with a 4 pixel #3E31D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E31D0; -webkit-box-shadow:4px 4px  
4px 4px #3E31D0; box-shadow:4px 4px 4px  
4px #3E31D0 }
```

Background

The CSS property to change the background color of an element to Hex 3E31D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E31D0 }
```

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

```
.background{ background-color:#3E31D0 }
```

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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