

# Converting Colors

Hex(3E0521)

Have a look what the booklet for  
Hex(3E0521) contains.

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**Color**

**Hex(3E0521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E0521
RGB	62, 5, 33
RGB Percent	24%, 2%, 13%
CMY	0.7569, 0.9804, 0.8706
CMYK	0.00, 0.92, 0.47, 0.76
HSL	331°, 85%, 13%
HSV	331°, 92%, 24%
XYZ	2.3154, 1.2425, 1.5566
YIQ	25.2350, 24.9840, 20.7920

# Conversions

## Conversions Part 2

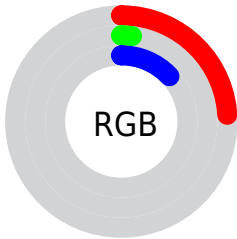
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 5, 33</a>
Decimal	<a href="#">4064545</a>
CIELab	<a href="#">10.87, 29.14, -2.22</a>
CIELCh	<a href="#">11, 29.221, 355.647</a>
Yxy	<a href="#">1.2425, 0.4527, 0.2429</a>
Android (android.graphics.Color)	<a href="#">4282254625 (0xFF3E0521)</a>
YUV	<a href="#">25.2350, 3.8281, 32.2429</a>
Hunter-Lab	<a href="#">11.1467, 17.5715, -0.4772</a>

# Details

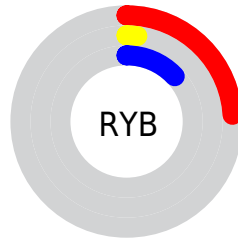
The Hex color **3E0521** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **053E22**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **71354D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3E001E**, and if you desaturate by 10%, it is **3E0B24**.

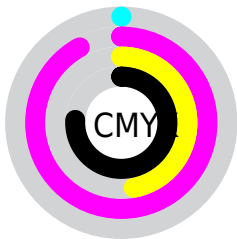
# Distribution



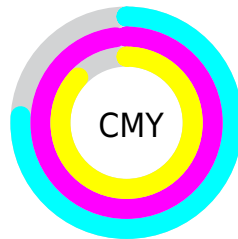
- Red (24%)
- Green (2%)
- Blue (13%)



- Red (24%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (92%)
- Yellow (47%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E0521 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 3E0521 by changing the saturation by 10% instead.




 3E0521

 3E0521

 FFEEFF

 2A000A

 71354D

 000000

 8B4D65

 A6667E

 C28098

 DF9AB2

 FCB5CE

 FFD1EA

 3E0521

 3E0521

■ 3E001E

■ 3E0B24

■ 3E1127

■ 3E182A

■ 3E1E2E

■ 3E2431

■ 3E2A34

■ 3E3037

■ 3E373A

■ 3E3D3D

# Harmonies

## Analogous

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



320E34



3E0521



3F080A

# Triad

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



3E0521



162100



00253E

# Complementary

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



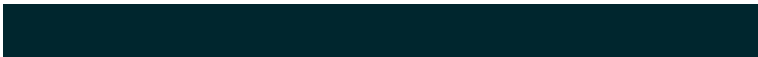
3E0521



053E22

# 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.



00262E



3E0521



002400

# Square

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



3E0521



281B00



00261A



002145

# Rectangle

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



3E0521



3B0F00



00261A



002539



# Sweetspot

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



3E0521



523B46



21053E



291B22



A8A8A8



292929



# Same Dimension

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



3E0521



520028



3E0505



1F1C1D



5E002E



DE006D



# Inverse Universe

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



3E0521



520028



053E3E



1F1C1D



5E002E

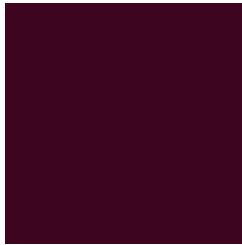


DE006D



# Previews

## White Background



This preview shows how the Hex color 3E0521 looks on a white background.

## Color Contrast Check

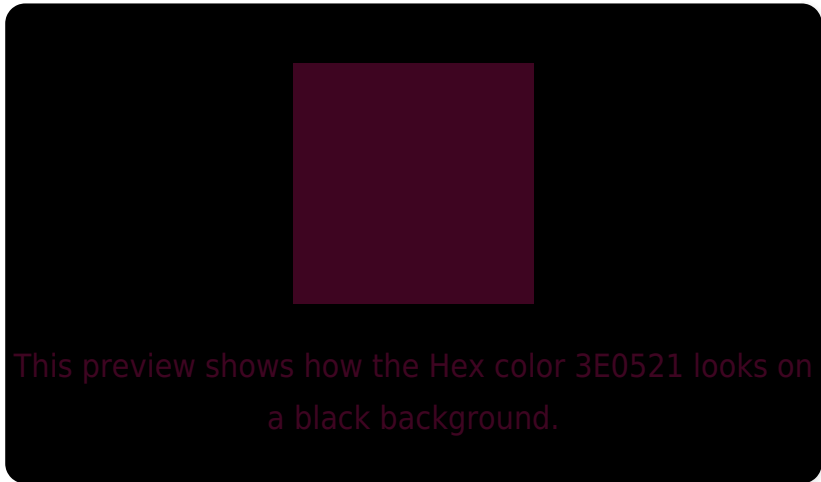
Large Text (above 18pt) WCAG AA ✓ Pass

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

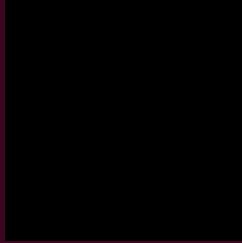
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E0521 Background



This preview shows how black text looks on a background with the Hex color 3E0521.



This preview shows how white text looks on a background with the Hex color 3E0521.

# 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**  
3E0521

**Protanopia**  
1C202F

**Deuteranopia**  
241F1E



# Trichromacy



**Original Color**  
3E0521

**Protanomaly**  
28162A

**Deuteranomaly**  
2D161F

**Tritanomaly**  
3D0B15

# Monochromacy



**Original Color**  
3E0521

**Achromatopsia**  
191919

**Achromatomaly**  
26121C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E0521 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 #3E0521 looks like.

```
.text, #text, p{  
    color:#3E0521  
}
```

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 #3E0521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0521
}
```

## Border

The CSS property to change the border of an element to Hex 3E0521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

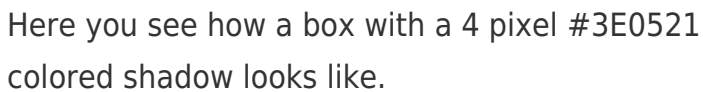
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E0521 }
```

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

```
.border{ border-color:#3E0521 }
```

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



Here you see how a box with a 4 pixel #3E0521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0521; -webkit-box-shadow:4px 4px  
4px 4px #3E0521; box-shadow:4px 4px 4px  
4px #3E0521 }
```

# Background

The CSS property to change the background color of an element to Hex 3E0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0521 }
```

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

```
.background{ background-color:#3E0521 }
```

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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