

Converting Colors

Hex(3E2475)

Have a look what the booklet for
Hex(3E2475) contains.

Hex(3E2475)	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(3E2475)

Conversions

Conversions Part 1

Format	Color
Hex	3E2475
RGB	62, 36, 117
RGB Percent	24%, 14%, 46%
CMY	0.7569, 0.8588, 0.5412
CMYK	0.47, 0.69, 0.00, 0.54
HSL	259°, 53%, 30%
HSV	259°, 69%, 46%
XYZ	5.8284, 3.5702, 17.2116
YIQ	53.0080, -10.5050, 30.7030

Conversions

Conversions Part 2

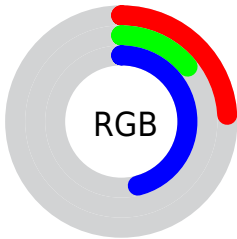
Format	Color
RYB	62, 36, 117
Decimal	4072565
CIELab	22.20, 32.53, -42.28
CIELCh	22, 53.348, 307.572
Yxy	3.5702, 0.2190, 0.1342
Android (android.graphics.Color)	4282262645 (0xFF3E2475)
YUV	53.0080, 31.5481, 7.8860
Hunter-Lab	18.8951, 21.9936, -40.7808

Details

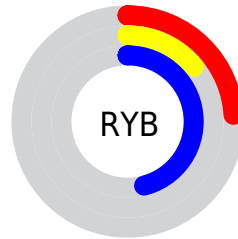
The Hex color **3E2475** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5B7524**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7253AA**, and **090044** is the 20% darker color. If you saturate the color by 10%, you get **361875**, and if you desaturate by 10%, it is **463075**.

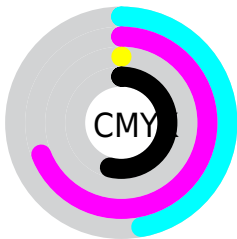
Distribution



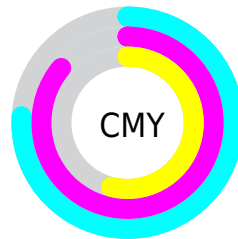
- Red (24%)
- Green (14%)
- Blue (46%)



- Red (24%)
- Yellow (14%)
- Blue (46%)



- Cyan (47%)
- Magenta (69%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2475 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 3E2475 by changing the saturation by 10% instead.



3E2475



3E2475

FFFFFF



230E5C



7253AA



090044



8D6BC5



00032D



A985E2



000117



C59FFF



000000



E2BAFF



FFD6FF



FFF3FF



3E2475



3E2475

■ 361875

■ 463075

■ 2E0D75

■ 4E3B75

■ 260175

■ 564775

■ 260075

■ 5E5375

■ 665F75

■ 6E6A75

■ 767675

■ 7E8275

■ 868D75

Harmonies

Analogous

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



003885



3E2475



6A0054

Triad

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



3E2475



5A2700



00453F

Complementary

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



3E2475



5B7524

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.



004314



3E2475



393700

Square

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



3E2475



700602



063F00



004565

Rectangle

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



3E2475



75003A



063F00



004431

Sweetspot

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



3E2475



837999



245B75



40394D



CCCCCC



4D4D4D

Same Dimension

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



3E2475



431A99



662475



37353B



27007A



5000FA

Inverse Universe

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



75245B



991A70



337524



3B3539



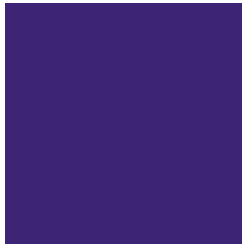
7A0053



FA00AA

Previews

White Background



This preview shows how the Hex color 3E2475 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

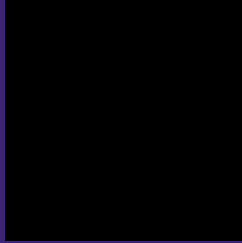
Any Text WCAG AA × Fail

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 3E2475 Background



This preview shows how black text looks on a background with the Hex color 3E2475.



This preview shows how white text looks on a background with the Hex color 3E2475.

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
3E2475

Protanopia
00346D

Deuteranopia
00375F



Tritanopia
2F373B

Trichromacy



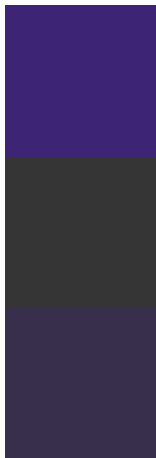
Original Color
3E2475

Protanomaly
172E70

Deuteranomaly
173067

Tritanomaly
343050

Monochromacy



Original Color
3E2475

Achromatopsia
353535

Achromatomaly
382F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2475 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 #3E2475 looks like.

```
.text, #text, p{  
    color:#3E2475  
}
```

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 #3E2475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2475
}
```

Border

The CSS property to change the border of an element to Hex 3E2475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

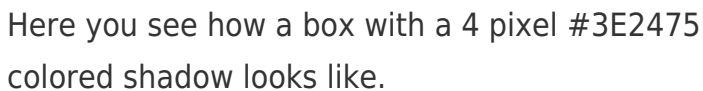
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E2475 }
```

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

```
.border{ border-color:#3E2475 }
```

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



Here you see how a box with a 4 pixel #3E2475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2475; -webkit-box-shadow:4px 4px  
4px 4px #3E2475; box-shadow:4px 4px 4px  
4px #3E2475 }
```

Background

The CSS property to change the background color of an element to Hex 3E2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2475 }
```

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

```
.background{ background-color:#3E2475 }
```

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