

Converting Colors

Hex(3E2162)

Have a look what the booklet for
Hex(3E2162) contains.

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Color

Hex(3E2162)

Conversions

Conversions Part 1

Format	Color
Hex	3E2162
RGB	62, 33, 98
RGB Percent	24%, 13%, 38%
CMY	0.7569, 0.8706, 0.6157
CMYK	0.37, 0.66, 0.00, 0.62
HSL	267°, 50%, 26%
HSV	267°, 66%, 38%
XYZ	4.7351, 2.9937, 11.8835
YIQ	49.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

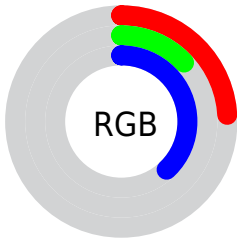
Format	Color
R_{YB}	62, 33, 98
Decimal	4071778
CIE _{Lab}	20.02, 28.73, -33.48
CIE _{LCh}	20, 44.112, 310.632
Yxy	2.9937, 0.2414, 0.1526
Android (android.graphics.Color)	4282261858 (0xFF3E2162)
YUV	49.0810, 24.1171, 11.3300
Hunter-Lab	17.3023, 18.5706, -28.6100

Details

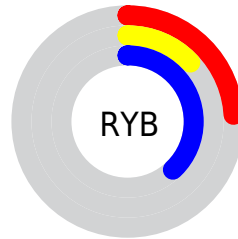
The Hex color **3E2162** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **456221**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **714F95**, and **150033** is the 20% darker color. If you saturate the color by 10%, you get **391762**, and if you desaturate by 10%, it is **432B62**.

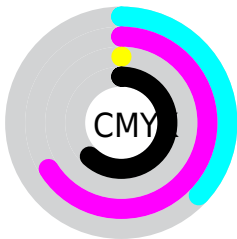
Distribution



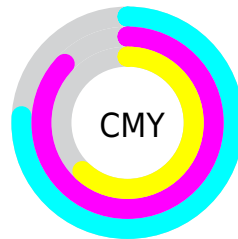
- Red (24%)
- Green (13%)
- Blue (38%)



- Red (24%)
- Yellow (13%)
- Blue (38%)



- Cyan (37%)
- Magenta (66%)
- Yellow (0%)
- Black (62%)



- Cyan (76%)
- Magenta (87%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2162 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 3E2162 by changing the saturation by 10% instead.

 3E2162

 3E2162

FFFFFF

 250B4A

 714F95

 150033

 8B68B0

 00021D

 A681CC

 000000

 C29BE8

 DEB6FF

 FBD2FF

 FFEFFF

 3E2162

 3E2162

■ 391762

■ 432B62

■ 330D62

■ 493562

■ 2E0462

■ 4E3E62

■ 2C0062

■ 544862

■ 595262

■ 5F5C62

■ 646662

■ 696F62

■ 6F7962

Harmonies

Analogous

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



003171



3E2162



5E0846

Triad

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



3E2162



4D2700



003E3B

Complementary

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



3E2162



456221

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.



003D19



3E2162



323300

Square

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



3E2162



601403



0C3900



003D5A

Rectangle

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



3E2162



660031



0C3900



003E30

Sweetspot

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



3E2162



716680



214662



373040



BFBFBF



404040

Same Dimension

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



3E2162



471980



5E2162



2E2C30



320070



6B00F0

Inverse Universe

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



622145



801952



256221



302C2E



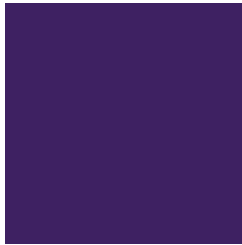
70003E



F00085

Previews

White Background



This preview shows how the Hex color 3E2162 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

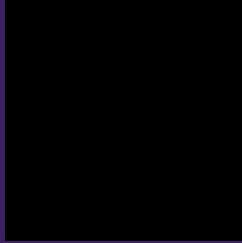
Any Text WCAG AA × Fail

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 3E2162 Background



This preview shows how black text looks on a background with the Hex color 3E2162.

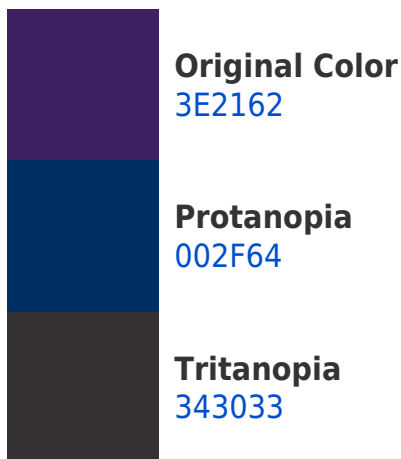


This preview shows how white text looks on a background with the Hex color 3E2162.

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

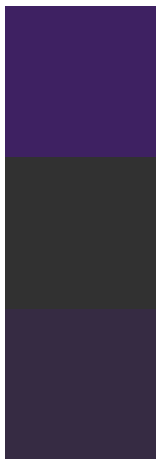


Original Color
3E2162

Protanomaly
172A63

Tritanomaly
382B44

Monochromacy



Original Color
3E2162

Achromatopsia
313131

Achromatomaly
362B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2162 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 #3E2162 looks like.

```
.text, #text, p{  
    color:#3E2162  
}
```

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 #3E2162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2162
}
```

Border

The CSS property to change the border of an element to Hex 3E2162 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
#3E2162 }
```

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

```
.border{ border-color:#3E2162 }
```

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

Here you see how a box with a 4 pixel #3E2162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2162; -webkit-box-shadow:4px 4px  
4px 4px #3E2162; box-shadow:4px 4px 4px  
4px #3E2162 }
```

Background

The CSS property to change the background color of an element to Hex 3E2162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2162 }
```

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

```
.background{ background-color:#3E2162 }
```

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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