

Converting Colors

Hex(3E2365)

Have a look what the booklet for
Hex(3E2365) contains.

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Color

Hex(3E2365)

Conversions

Conversions Part 1

Format	Color
Hex	3E2365
RGB	62, 35, 101
RGB Percent	24%, 14%, 40%
CMY	0.7569, 0.8627, 0.6039
CMYK	0.39, 0.65, 0.00, 0.60
HSL	265°, 49%, 27%
HSV	265°, 65%, 40%
XYZ	4.9366, 3.1658, 12.6628
YIQ	50.5970, -5.0940, 26.2500

Conversions

Conversions Part 2

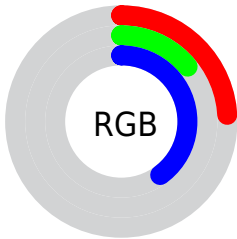
Format	Color
R_{YB}	62, 35, 101
Decimal	4072293
CIE _{Lab}	20.70, 28.38, -34.35
CIE _{LCh}	21, 44.560, 309.560
Yxy	3.1658, 0.2377, 0.1525
Android (android.graphics.Color)	4282262373 (0xFF3E2365)
YUV	50.5970, 24.8487, 10.0004
Hunter-Lab	17.7926, 18.3880, -29.7411

Details

The Hex color **3E2365** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A6523**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **715199**, and **130036** is the 20% darker color. If you saturate the color by 10%, you get **381965**, and if you desaturate by 10%, it is **442D65**.

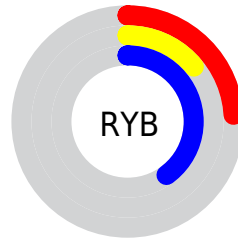
Distribution



Red (24%)

Green (14%)

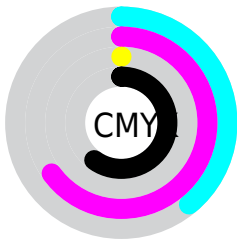
Blue (40%)



Red (24%)

Yellow (14%)

Blue (40%)

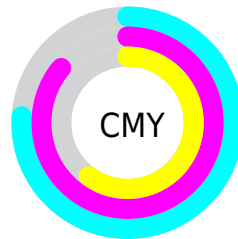


Cyan (39%)

Magenta (65%)

Yellow (0%)

Black (60%)



Cyan (76%)

Magenta (86%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E2365 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 3E2365 by changing the saturation by 10% instead.

■ 3E2365

■ 3E2365

FFFFFF

■ 250D4D

■ 715199

■ 130036

■ 8B6AB4

■ 00021F

■ A683CF

■ 000003

■ C29DEC

■ 000000

■ DEB9FF

■ FBD4FF

■ FFF1FF

■ 3E2365

■ 3E2365

■ 381965

■ 442D65

■ 320F65

■ 4A3765

■ 2C0565

■ 504165

■ 290065

■ 564B65

■ 5C5665

■ 626065

■ 686A65

■ 6E7465

■ 747E65

Harmonies

Analogous

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



003373



3E2365



5F0B49

Triad

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



3E2365



502700



003F3C

Complementary

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



3E2365



4A6523

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.



003E19



3E2365



353400

Square

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



3E2365



631406



0F3B00



003F5B

Rectangle

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



3E2365



680034



0F3B00



003F30

Sweetspot

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



3E2365



736882



234B65



393242



C2C2C2



424242

Same Dimension

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



3E2365



461D82



5E2365



302E33



2F0073



6300F2

Inverse Universe

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



65234A



821D59



2A6523



332E31



730044



F2008F

Previews

White Background



This preview shows how the Hex color 3E2365 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

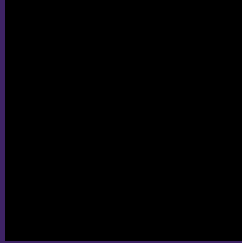
Any Text WCAG AA × Fail

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 3E2365 Background



This preview shows how black text looks on a background with the Hex color 3E2365.



This preview shows how white text looks on a background with the Hex color 3E2365.

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
3E2365

Protanopia
003167

Deuteranopia
00345A



Tritanopia
343235

Trichromacy



Original Color
3E2365

Protanomaly
172C66

Deuteranomaly
172E5E

Tritanomaly
382D46

Monochromacy



Original Color
3E2365

Achromatopsia
333333

Achromatomaly
372D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E2365 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 #3E2365 looks like.

```
.text, #text, p{  
    color:#3E2365  
}
```

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 #3E2365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E2365
}
```

Border

The CSS property to change the border of an element to Hex 3E2365 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
#3E2365 }
```

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

```
.border{ border-color:#3E2365 }
```

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

Here you see how a box with a 4 pixel #3E2365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E2365; -webkit-box-shadow:4px 4px  
4px 4px #3E2365; box-shadow:4px 4px 4px  
4px #3E2365 }
```

Background

The CSS property to change the background color of an element to Hex 3E2365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E2365 }
```

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

```
.background{ background-color:#3E2365 }
```

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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