

Converting Colors

Hex(437275)

Have a look what the booklet for
Hex(437275) contains.

Hex(437275)	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(437275)

Conversions

Conversions Part 1

Format	Color
Hex	437275
RGB	67, 114, 117
RGB Percent	26%, 45%, 46%
CMY	0.7373, 0.5529, 0.5412
CMYK	0.43, 0.03, 0.00, 0.54
HSL	184°, 27%, 36%
HSV	184°, 43%, 46%
XYZ	11.5429, 14.5123, 19.0224
YIQ	100.2890, -28.9750, -9.0310

Conversions

Conversions Part 2

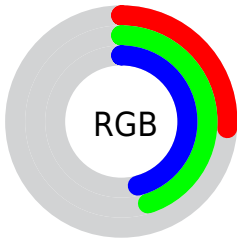
Format	Color
RYB	67, 91, 117
Decimal	4420213
CIELab	44.96, -15.15, -6.70
CIELCh	45, 16.564, 203.876
Yxy	14.5123, 0.2561, 0.3219
Android (android.graphics.Color)	4282610293 (0xFF437275)
YUV	100.2890, 8.2385, -29.1945
Hunter-Lab	38.0950, -12.5800, -2.9395

Details

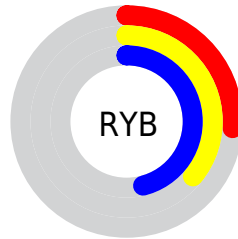
The Hex color **437275** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **754643**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **76A6A9**, and **0E4245** is the 20% darker color. If you saturate the color by 10%, you get **377175**, and if you desaturate by 10%, it is **4F7375**.

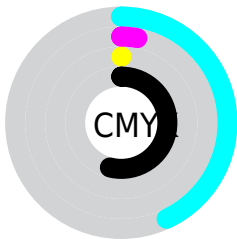
Distribution



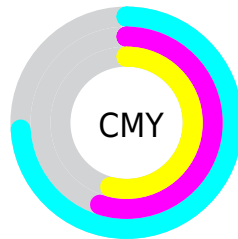
- Red (26%)
- Green (45%)
- Blue (46%)



- Red (26%)
- Yellow (36%)
- Blue (46%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (74%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437275 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 437275 by changing the saturation by 10% instead.

■ 437275

■ 437275

FFFFFF

■ 2A595C

■ 76A6A9

■ 0E4245

■ 91C1C4

■ 002C2F

■ ACDDE0

■ 00181A

■ C8FAFD

■ 000000

■ E4FFFF

■ 437275

■ 437275

■ 377175

■ 4F7375

■ 2C7175

■ 5A7375

■ 207075

■ 667475

■ 146F75

■ 727575

■ 096E75

■ 7E7675

■ 006E75

■ 897675

■ 957775

■ A17875

■ AC7875

Harmonies

Analogous

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



4B7267



437275



477080

Triad

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



437275



79637B



77684F

Complementary

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



437275



754643

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.



826455



437275



84616E

Square

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



437275



696883



876160



696D51

Rectangle

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



437275



506E84



876160



7B6750

Sweetspot

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



437275



859899



437546



404C4D



CCCCCC



4D4D4D

Same Dimension

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



437275



4B9499



435A75



353A3B



00737A



00EBFA

Inverse Universe

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



754372



994B94



755F43



3B353A



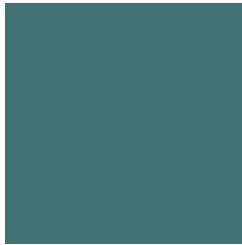
7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 437275 looks on a white background.

Color Contrast Check

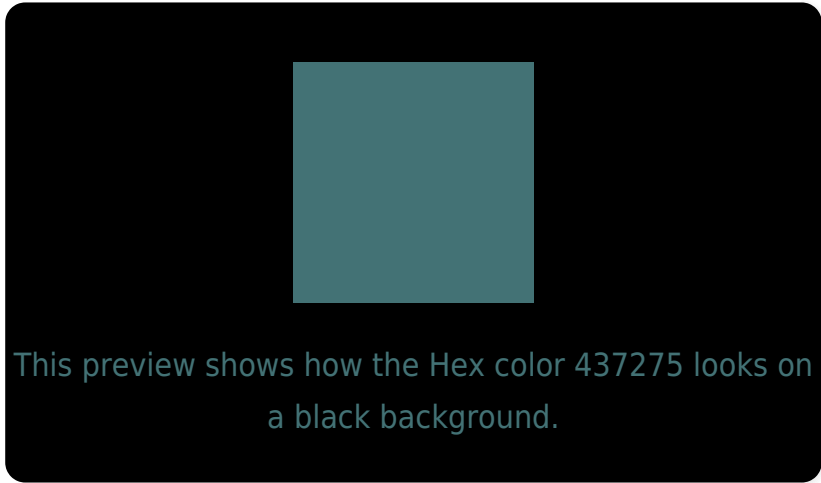
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

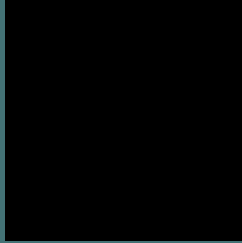
Any Text WCAG AA × Fail

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 437275 Background



This preview shows how black text looks on a background with the Hex color 437275.



This preview shows how white text looks on a background with the Hex color 437275.

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
437275

Protanopia
6A6970

Deuteranopia
6E6777



Tritanopia
45717A

Trichromacy



Original Color
437275

Protanomaly
5C6C72

Deuteranomaly
5E6B76

Tritanomaly
447178

Monochromacy



Original Color
437275

Achromatopsia
646464

Achromatomaly
58696A

CSS Examples

Text

The CSS property to change the color of the text to Hex 437275 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 #437275 looks like.

```
.text, #text, p{  
    color:#437275  
}
```

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 #437275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437275
}
```

Border

The CSS property to change the border of an element to Hex 437275 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
#437275 }
```

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

```
.border{ border-color:#437275 }
```

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

Here you see how a box with a 4 pixel #437275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437275; -webkit-box-shadow:4px 4px  
4px 4px #437275; box-shadow:4px 4px 4px  
4px #437275 }
```

Background

The CSS property to change the background color of an element to Hex 437275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437275 }
```

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

```
.background{ background-color:#437275 }
```

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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