

Converting Colors

Hex(442761)

Have a look what the booklet for
Hex(442761) contains.

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Color

Hex(442761)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 442761 |
| RGB | 68, 39, 97 |
| RGB Percent | 27%, 15%, 38% |
| CMY | 0.7333, 0.8471, 0.6196 |
| CMYK | 0.30, 0.60, 0.00, 0.62 |
| HSL | 270°, 43%, 27% |
| HSV | 270°, 60%, 38% |
| XYZ | 5.2671, 3.5430, 11.7155 |
| YIQ | 54.2830, -1.3340, 24.1860 |

Conversions

Conversions Part 2

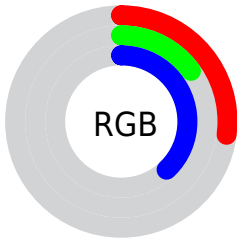
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 68, 39, 97 |
| Decimal | 4466529 |
| CIELab | 22.10, 26.40, -29.44 |
| CIElCh | 22, 39.544, 311.891 |
| Yxy | 3.5430, 0.2566, 0.1726 |
| Android (android.graphics.Color) | 4282656609 (0xFF442761) |
| YUV | 54.2830, 21.0595, 12.0298 |
| Hunter-Lab | 18.8230, 17.0080, -23.7263 |

Details

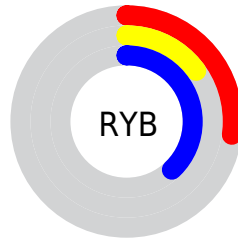
The Hex color **442761** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **446127**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **765594**, and **180032** is the 20% darker color. If you saturate the color by 10%, you get **3F1D61**, and if you desaturate by 10%, it is **493161**.

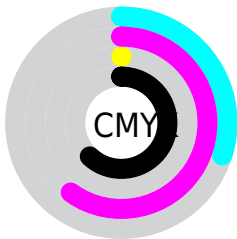
Distribution



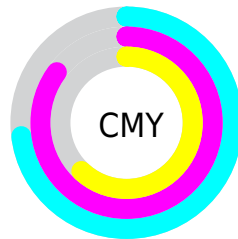
- Red (27%)
- Green (15%)
- Blue (38%)



- Red (27%)
- Yellow (15%)
- Blue (38%)



- Cyan (30%)
- Magenta (60%)
- Yellow (0%)
- Black (62%)



- Cyan (73%)
- Magenta (85%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442761 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 442761 by changing the saturation by 10% instead.

■ 442761

■ 442761

FFFFFF

■ 2C1149

■ 765594

■ 180032

■ 916EAF

■ 00021C

■ AC88CA

■ 000000

■ C7A2E7

■ E4BDFF

■ FFD9FF

■ FFF6FF

■ 442761

■ 442761

■ 3F1D61

■ 493161

■ 3A1461

■ 4E3A61

■ 350A61

■ 534461

■ 310061

■ 574E61

■ 5C5861

■ 616161

■ 666B61

■ 6B7561

■ 707E61

Harmonies

Analogous

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



00356F



442761



601748

Triad

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



442761



502D00



004240

Complementary

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



442761



446127

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.



004121



442761



383700

Square

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



442761



611E0E



143E01



00415C

Rectangle

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



442761



671134



143E01



004236

Sweetspot

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



442761



72667D



274461



393240



BFBFBF



404040

Same Dimension

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



442761



50237D



612761



2E2C30



380070



7800F0

Inverse Universe

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



612744



7D2350



276127



302C2E



700038



F00078

Previews

White Background



This preview shows how the Hex color 442761 looks on a white background.

Color Contrast Check

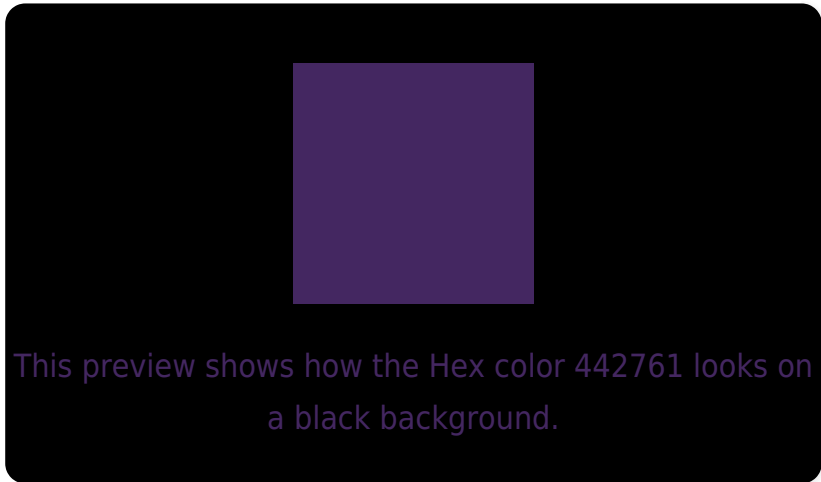
Large Text (above 18pt) WCAG AA ✓ Pass

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

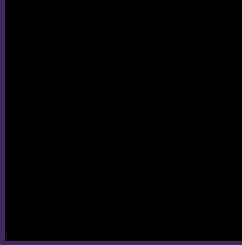
Any Text WCAG AA × Fail

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 442761 Background



This preview shows how black text looks on a background with the Hex color 442761.



This preview shows how white text looks on a background with the Hex color 442761.

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
442761

Protanopia
00336E

Deuteranopia
12365E



Tritanopia
3C3337

Trichromacy



Original Color
442761

Protanomaly
192F69

Deuteranomaly
24315F

Tritanomaly
3F2F46

Monochromacy



Original Color
442761

Achromatopsia
363636

Achromatomaly
3B3146

CSS Examples

Text

The CSS property to change the color of the text to Hex 442761 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 #442761 looks like.

```
.text, #text, p{  
    color:#442761  
}
```

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 #442761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442761
}
```

Border

The CSS property to change the border of an element to Hex 442761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

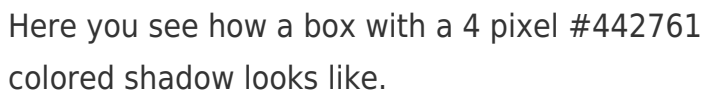
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442761 }
```

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

```
.border{ border-color:#442761 }
```

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



Here you see how a box with a 4 pixel #442761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442761; -webkit-box-shadow:4px 4px  
4px 4px #442761; box-shadow:4px 4px 4px  
4px #442761 }
```

Background

The CSS property to change the background color of an element to Hex 442761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442761 }
```

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

```
.background{ background-color:#442761 }
```

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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