

Converting Colors

Hex(442D63)

Have a look what the booklet for
Hex(442D63) contains.

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Color

Hex(442D63)

Conversions

Conversions Part 1

Format	Color
Hex	442D63
RGB	68, 45, 99
RGB Percent	27%, 18%, 39%
CMY	0.7333, 0.8235, 0.6118
CMYK	0.31, 0.55, 0.00, 0.61
HSL	266°, 38%, 28%
HSV	266°, 55%, 39%
XYZ	5.5744, 4.0066, 12.2839
YIQ	58.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

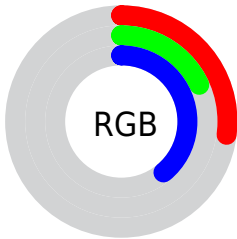
Format	Color
R _{YB}	68, 45, 99
Decimal	4468067
CIE Lab	23.69, 23.17, -28.20
CIE LCh	24, 36.502, 309.407
Yxy	4.0066, 0.2549, 0.1832
Android (android.graphics.Color)	4282658147 (0xFF442D63)
YUV	58.0330, 20.1967, 8.7411
Hunter-Lab	20.0164, 14.6821, -22.3743

Details

The Hex color **442D63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C632D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **765B96**, and **170034** is the 20% darker color. If you saturate the color by 10%, you get **3E2363**, and if you desaturate by 10%, it is **4A3763**.

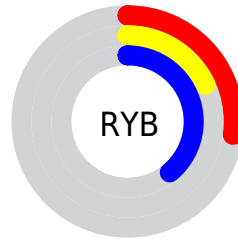
Distribution



 Red (27%)

 Green (18%)

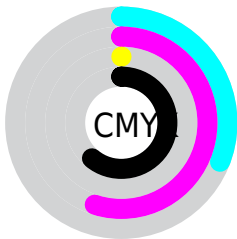
 Blue (39%)





 Red (27%)

 Yellow (18%)

 Blue (39%)

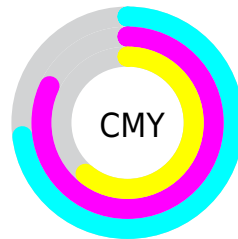


 Cyan (31%)

 Magenta (55%)

 Yellow (0%)

 Black (61%)



 Cyan (73%)

 Magenta (82%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442D63 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 442D63 by changing the saturation by 10% instead.



442D63



442D63

FFFFFF



2C174B



765B96



170034



9074B1



00021E



AB8ECD



000000



C7A9E9



E3C4FF



FFE0FF



FFDFDF



442D63



442D63

■ 3E2363

■ 4A3763

■ 391963

■ 4F4163

■ 330F63

■ 554B63

■ 2D0563

■ 5B5563

■ 2A0063

■ 605F63

■ 666863

■ 6C7263

■ 717C63

■ 778663

Harmonies

Analogous

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



00396F



442D63



5F204C

Triad

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



442D63



543000



004541

Complementary

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



442D63



4C632D

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.



004424



442D63



3E3A00

Square

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



442D63



642417



1F4008



00445B

Rectangle

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



442D63



671B3A



1F4008



004537

Sweetspot

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



442D63



746B80



2D4D63



393440



BFBFBF



404040

Same Dimension

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



442D63



502D80



5E2D63



2E2C30



300070



6600F0

Inverse Universe

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



632D4C



802D5C



32632D



302C2E



700040



F0008A

Previews

White Background



This preview shows how the Hex color 442D63 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

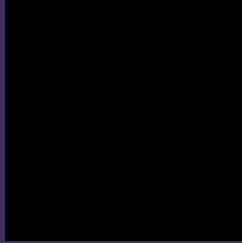
Any Text WCAG AA × Fail

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 442D63 Background



This preview shows how black text looks on a background with the Hex color 442D63.

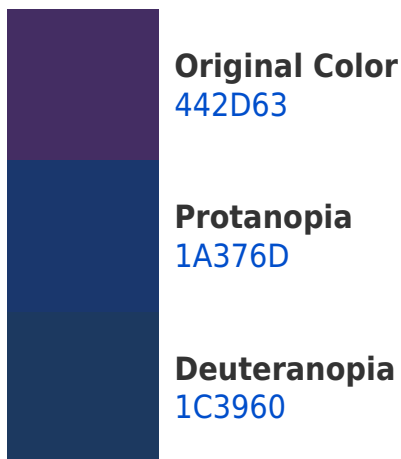



This preview shows how white text looks on a background with the Hex color 442D63.

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





Tritanopia
3C373B

Trichromacy



Original Color
442D63

Protanomaly
293369

Deuteranomaly
2B3561

Tritanomaly
3F334A

Monochromacy



Original Color
442D63

Achromatopsia
3A3A3A

Achromatomaly
3E3549

CSS Examples

Text

The CSS property to change the color of the text to Hex 442D63 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 #442D63 looks like.

```
.text, #text, p{  
    color:#442D63  
}
```

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 #442D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442D63  
}
```

Border

The CSS property to change the border of an element to Hex 442D63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

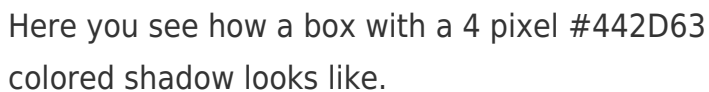
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442D63 }
```

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

```
.border{ border-color:#442D63 }
```

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



Here you see how a box with a 4 pixel #442D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442D63; -webkit-box-shadow:4px 4px  
4px 4px #442D63; box-shadow:4px 4px 4px  
4px #442D63 }
```

Background

The CSS property to change the background color of an element to Hex 442D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442D63 }
```

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

```
.background{ background-color:#442D63 }
```

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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