

Converting Colors

Hex(452E64)

Have a look what the booklet for
Hex(452E64) contains.

Hex(452E64)	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(452E64)

Conversions

Conversions Part 1

Format	Color
Hex	452E64
RGB	69, 46, 100
RGB Percent	27%, 18%, 39%
CMY	0.7294, 0.8196, 0.6078
CMYK	0.31, 0.54, 0.00, 0.61
HSL	266°, 37%, 29%
HSV	266°, 54%, 39%
XYZ	5.7315, 4.1393, 12.5535
YIQ	59.0330, -3.6260, 21.6700

Conversions

Conversions Part 2

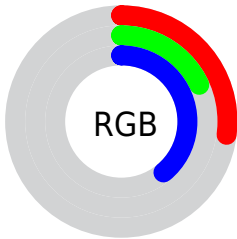
Format	Color
RYB	69, 46, 100
Decimal	4533860
CIELab	24.13, 23.11, -28.16
CIElCh	24, 36.427, 309.378
Yxy	4.1393, 0.2556, 0.1846
Android (android.graphics.Color)	4282723940 (0xFF452E64)
YUV	59.0330, 20.1967, 8.7411
Hunter-Lab	20.3453, 14.6812, -22.3415

Details

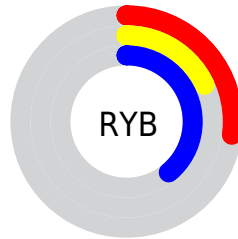
The Hex color **452E64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D642E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **775D97**, and **170135** is the 20% darker color. If you saturate the color by 10%, you get **3F2464**, and if you desaturate by 10%, it is **4B3864**.

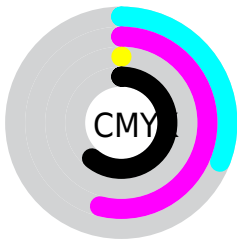
Distribution



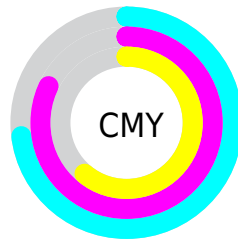
- Red (27%)
- Green (18%)
- Blue (39%)



- Red (27%)
- Yellow (18%)
- Blue (39%)



- Cyan (31%)
- Magenta (54%)
- Yellow (0%)
- Black (61%)



- Cyan (73%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452E64 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 452E64 by changing the saturation by 10% instead.



452E64



452E64

FFFFFF



2D184C



775D97



170135



9175B2



00021F



AC8FCE



000002



C8AAEA



000000



E4C5FF



FFE1FF



FFFEFF



452E64



452E64

■ 3F2464

■ 4B3864

■ 3A1A64

■ 504264

■ 341064

■ 564C64

■ 2E0664

■ 5C5664

■ 2B0064

■ 626064

■ 676A64

■ 6D7464

■ 737E64

■ 798864

Harmonies

Analogous

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



003A70



452E64



60214D

Triad

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



452E64



553100



004641

Complementary

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



452E64



4D642E

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.



004525



452E64



3F3B00

Square

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



452E64



652518



20410A



00455C

Rectangle

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



452E64



681C3B



20410A



004638

Sweetspot

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



452E64



766D82



2E4E64



3B3642



C2C2C2



424242

Same Dimension

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



452E64



522E82



5F2E64



302E33



310073



6700F2

Inverse Universe

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



642E4D



822E5E



33642E



332E31



730042



F2008B

Previews

White Background



This preview shows how the Hex color 452E64 looks on a white background.

Color Contrast Check

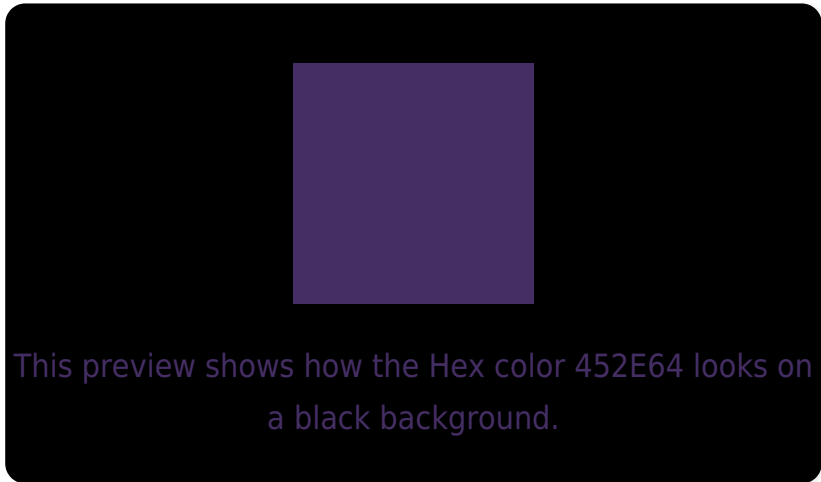
Large Text (above 18pt) WCAG AA ✓ Pass

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

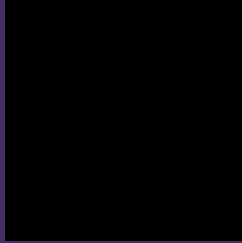
Any Text WCAG AA × Fail

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 452E64 Background



This preview shows how black text looks on a background with the Hex color 452E64.



This preview shows how white text looks on a background with the Hex color 452E64.

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
452E64

Protanopia
1B386E

Deuteranopia
1E3A61



Tritanopia
3D383C

Trichromacy



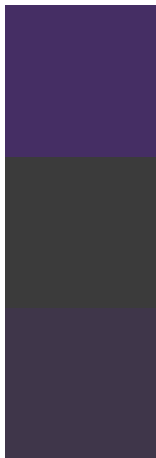
Original Color
452E64

Protanomaly
2A346A

Deuteranomaly
2C3662

Tritanomaly
40344B

Monochromacy



Original Color
452E64

Achromatopsia
3B3B3B

Achromatomaly
3F364A

CSS Examples

Text

The CSS property to change the color of the text to Hex 452E64 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 #452E64 looks like.

```
.text, #text, p{  
    color:#452E64  
}
```

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 #452E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452E64
}
```

Border

The CSS property to change the border of an element to Hex 452E64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

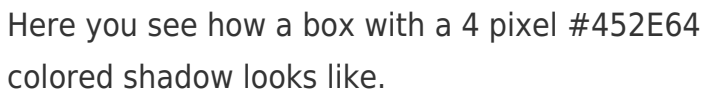
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452E64 }
```

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

```
.border{ border-color:#452E64 }
```

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



Here you see how a box with a 4 pixel #452E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452E64; -webkit-box-shadow:4px 4px  
4px 4px #452E64; box-shadow:4px 4px 4px  
4px #452E64 }
```

Background

The CSS property to change the background color of an element to Hex 452E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452E64 }
```

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

```
.background{ background-color:#452E64 }
```

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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