

Converting Colors

Hex(452D40)

Have a look what the booklet for
Hex(452D40) contains.

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Color

Hex(452D40)

Conversions

Conversions Part 1

Format	Color
Hex	452D40
RGB	69, 45, 64
RGB Percent	27%, 18%, 25%
CMY	0.7294, 0.8235, 0.7490
CMYK	0.00, 0.35, 0.07, 0.73
HSL	312°, 21%, 22%
HSV	312°, 35%, 27%
XYZ	4.3180, 3.5121, 5.3008
YIQ	54.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

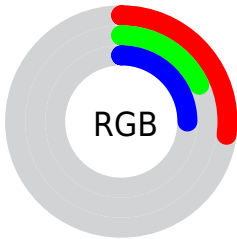
Format	Color
R_{YB}	69, 45, 64
Decimal	4533568
CIE Lab	21.99, 14.67, -7.53
CIE LCh	22, 16.488, 332.821
Yxy	3.5121, 0.3288, 0.2675
Android (android.graphics.Color)	4282723648 (0xFF452D40)
YUV	54.3420, 4.7614, 12.8551
Hunter-Lab	18.7407, 8.3319, -3.6517

Details

The Hex color **452D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D4532**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **765B70**, and **1B0016** is the 20% darker color. If you saturate the color by 10%, you get **45263F**, and if you desaturate by 10%, it is **453441**.

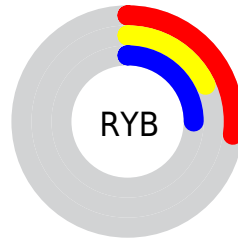
Distribution



Red (27%)

Green (18%)

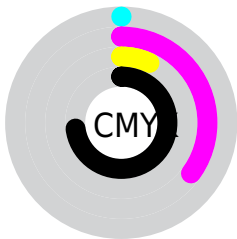
Blue (25%)



Red (27%)

Yellow (18%)

Blue (25%)

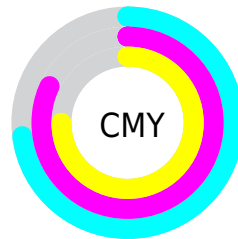


Cyan (0%)

Magenta (35%)

Yellow (7%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452D40 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 452D40 by changing the saturation by 10% instead.

■ 452D40

■ 452D40

FFFFFF

■ 2E182A

■ 765B70

■ 1B0016

■ 8F7489

■ 000000

■ AA8DA3

■ C5A8BE

■ E2C3DA

■ FEDFF7

■ FFFCFF

■ 452D40

■ 452D40

■ 45263F

■ 453441

■ 451F3D

■ 453B43

■ 45183C

■ 454244

■ 45113A

■ 454946

■ 450B39

■ 455047

■ 450437

■ 455649

■ 450037

■ 455D4A

■ 45644C

■ 456B4D

Harmonies

Analogous

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



383149



452D40



4C2B34

Triad

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



452D40



3C341C



033B41

Complementary

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



452D40



2D4532

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.



0F3B35



452D40



2F3820

Square

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



452D40



46301F



203A29



10394A

Rectangle

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



452D40



4C2C2C



203A29



053B3E

Sweetspot

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



452D40



595057



322D45



2E282D



ADADAD



2E2E2E

Same Dimension

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



452D40



593451



452D34



242023



63004F



E300B4

Inverse Universe

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



452D40



593451



2D453E



242023



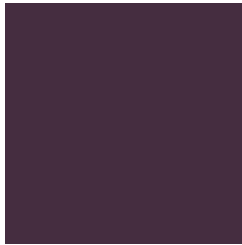
63004F



E300B4

Previews

White Background



This preview shows how the Hex color 452D40 looks on a white background.

Color Contrast Check

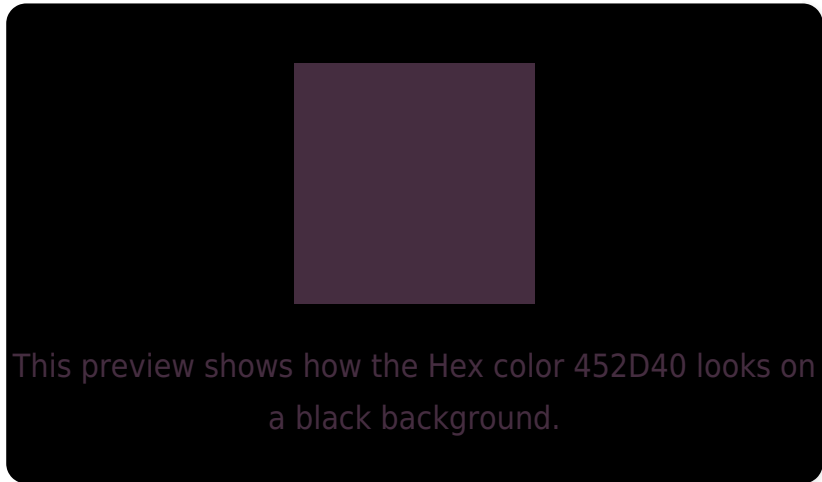
Large Text (above 18pt) WCAG AA ✓ Pass

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

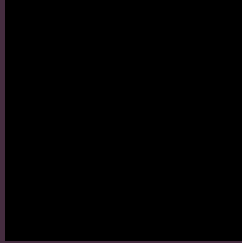
Any Text WCAG AA × Fail

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 452D40 Background



This preview shows how black text looks on a background with the Hex color 452D40.



This preview shows how white text looks on a background with the Hex color 452D40.

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
452D40

Protanopia
303445

Deuteranopia
35343F



Tritanopia
432F33

Trichromacy



Original Color
452D40

Protanomaly
383143

Deuteranomaly
3B313F

Tritanomaly
442E38

Monochromacy



Original Color
452D40

Achromatopsia
363636

Achromatomaly
3B333A

CSS Examples

Text

The CSS property to change the color of the text to Hex 452D40 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 #452D40 looks like.

```
.text, #text, p{  
    color:#452D40  
}
```

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 #452D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452D40
}
```

Border

The CSS property to change the border of an element to Hex 452D40 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
#452D40 }
```

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

```
.border{ border-color:#452D40 }
```

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

Here you see how a box with a 4 pixel #452D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452D40; -webkit-box-shadow:4px 4px  
4px 4px #452D40; box-shadow:4px 4px 4px  
4px #452D40 }
```

Background

The CSS property to change the background color of an element to Hex 452D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452D40 }
```

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

```
.background{ background-color:#452D40 }
```

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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