

Converting Colors

Hex(452F71)

Have a look what the booklet for
Hex(452F71) contains.

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Color

Hex(452F71)

Conversions

Conversions Part 1

Format	Color
Hex	452F71
RGB	69, 47, 113
RGB Percent	27%, 18%, 44%
CMY	0.7294, 0.8157, 0.5569
CMYK	0.39, 0.58, 0.00, 0.56
HSL	260°, 41%, 31%
HSV	260°, 58%, 44%
XYZ	6.4514, 4.4905, 16.1495
YIQ	61.1020, -8.0740, 25.1900

Conversions

Conversions Part 2

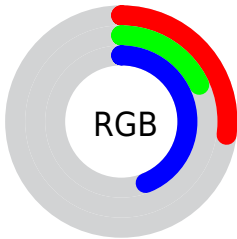
Format	Color
R_{YB}	69, 47, 113
Decimal	4534129
CIE _{Lab}	25.23, 26.24, -34.78
CIE _{LCh}	25, 43.568, 307.032
Yxy	4.4905, 0.2381, 0.1658
Android (android.graphics.Color)	4282724209 (0xFF452F71)
YUV	61.1020, 25.5857, 6.9265
Hunter-Lab	21.1908, 17.2593, -30.3514

Details

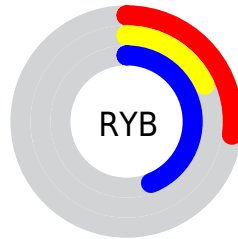
The Hex color **452F71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B712F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **785EA5**, and **130340** is the 20% darker color. If you saturate the color by 10%, you get **3D2471**, and if you desaturate by 10%, it is **4D3A71**.

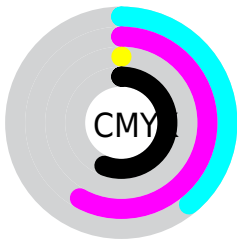
Distribution



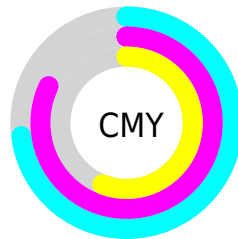
- Red (27%)
- Green (18%)
- Blue (44%)



- Red (27%)
- Yellow (18%)
- Blue (44%)



- Cyan (39%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452F71 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 452F71 by changing the saturation by 10% instead.

■ 452F71

■ 452F71

FFFFFF

■ 2C1958

■ 785EA5

■ 130340

■ 9377C1

■ 00002A

■ AE91DD

■ 000114

■ CAABF9

■ 000000

■ E6C7FF

■ FFE3FF

■ 452F71

■ 452F71

■ 3D2471

■ 4D3A71

■ 361871

■ 544671

■ 2E0D71

■ 5C5171

■ 270271

■ 635C71

■ 260071

■ 6B6871

■ 727371

■ 7A7E71

■ 818971

■ 899571

Harmonies

Analogous

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



003E7E



452F71



681C56

Triad

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



452F71



5E3000



004A43

Complementary

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



452F71



5B712F

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.



004920



452F71



443D00

Square

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



452F71



701F16



1F4500



004A63

Rectangle

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



452F71



731341



1F4500



004A37

Sweetspot

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



452F71



827994



2F5B71



3F3A4A



C9C9C9



4A4A4A

Same Dimension

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



452F71



4F2C94



662F71



343238



280078



5200F7

Inverse Universe

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



712F5B



942C71



3A712F



383236



780050



F700A5

Previews

White Background



This preview shows how the Hex color 452F71 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

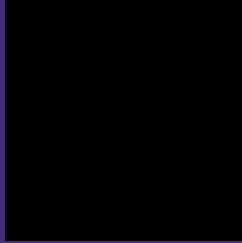
Any Text WCAG AA × Fail

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 452F71 Background



This preview shows how black text looks on a background with the Hex color 452F71.

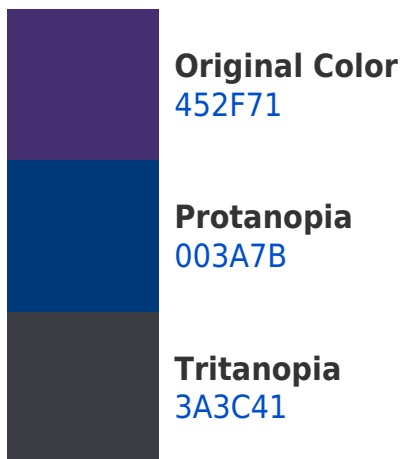


This preview shows how white text looks on a background with the Hex color 452F71.

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



Trichromacy



Original Color
452F71

Protanomaly
193677

Tritanomaly
3E3752

Monochromacy



Original Color
452F71

Achromatopsia
3D3D3D

Achromatomaly
403850

CSS Examples

Text

The CSS property to change the color of the text to Hex 452F71 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 #452F71 looks like.

```
.text, #text, p{  
    color:#452F71  
}
```

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 #452F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452F71
}
```

Border

The CSS property to change the border of an element to Hex 452F71 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
#452F71 }
```

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

```
.border{ border-color:#452F71 }
```

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

Here you see how a box with a 4 pixel #452F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452F71; -webkit-box-shadow:4px 4px  
4px 4px #452F71; box-shadow:4px 4px 4px  
4px #452F71 }
```

Background

The CSS property to change the background color of an element to Hex 452F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452F71 }
```

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

```
.background{ background-color:#452F71 }
```

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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