

Converting Colors

Hex(454B77)

Have a look what the booklet for
Hex(454B77) contains.

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Color

Hex(454B77)

Conversions

Conversions Part 1

Format	Color
Hex	454B77
RGB	69, 75, 119
RGB Percent	27%, 29%, 47%
CMY	0.7294, 0.7059, 0.5333
CMYK	0.42, 0.37, 0.00, 0.53
HSL	233°, 27%, 37%
HSV	233°, 42%, 47%
XYZ	8.3001, 7.6293, 18.4879
YIQ	78.2220, -17.7000, 12.4120

Conversions

Conversions Part 2

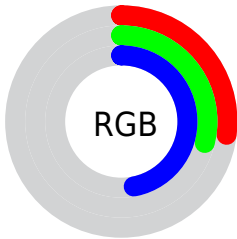
Format	Color
RYB	69, 74, 119
Decimal	4541303
CIELab	33.20, 9.77, -25.92
CIElCh	33, 27.702, 290.643
Yxy	7.6293, 0.2412, 0.2217
Android (android.graphics.Color)	4282731383 (0xFF454B77)
YUV	78.2220, 20.1036, -8.0877
Hunter-Lab	27.6211, 5.3019, -20.3503

Details

The Hex color **454B77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **777145**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **777CAB**, and **141F46** is the 20% darker color. If you saturate the color by 10%, you get **394177**, and if you desaturate by 10%, it is **515577**.

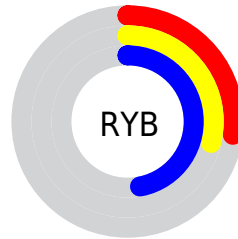
Distribution



Red (27%)

Green (29%)

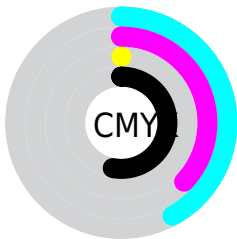
Blue (47%)



Red (27%)

Yellow (29%)

Blue (47%)

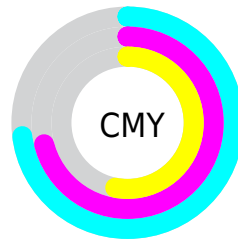


Cyan (42%)

Magenta (37%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (71%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454B77 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 454B77 by changing the saturation by 10% instead.

■ 454B77

■ 454B77

FFFFFF

■ 2D345E

■ 777CAB

■ 141F46

■ 9295C7

■ 000730

■ ADB0E3

■ 00011A

■ C9CBFF

■ 000000

■ E5E8FF

■ 454B77

■ 454B77

■ 394177

■ 515577

■ 2D3677

■ 5D6077

■ 212C77

■ 696A77

■ 152177

■ 757577

■ 091777

■ 807F77

■ 000E77

■ 8C8A77

■ 989477

■ A49F77

■ B0A977

Harmonies

Analogous

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



155279



454B77



63436A

Triad

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



454B77



71432D



0A5946

Complementary

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



454B77



777145

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.



335631



454B77



614A22

Square

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



454B77



783D40



4C5124



00595D

Rectangle

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



454B77



6F3E5D



4C5124



1C583F

Sweetspot

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



454B77



878A9C



457770



42444F



CFCFCF



4F4F4F

Same Dimension

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



454B77



4E579C



574577



35353B



000F7A



001EFA

Inverse Universe

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



77454B



9C4E57



657745



3B3535



7A000F



FA001E

Previews

White Background



This preview shows how the Hex color 454B77 looks on a white background.

Color Contrast Check

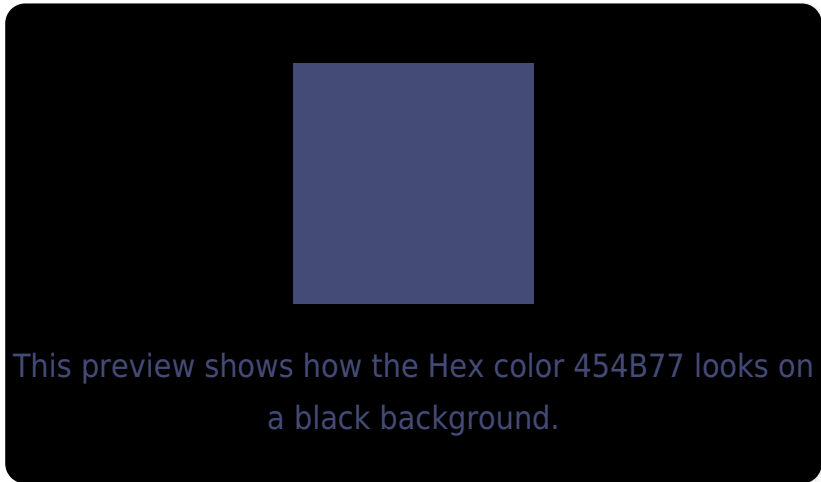
Large Text (above 18pt) WCAG AA ✓ Pass

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 454B77 Background



This preview shows how black text looks on a background with the Hex color 454B77.



This preview shows how white text looks on a background with the Hex color 454B77.

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
454B77

Protanopia
3E4D78

Deuteranopia
3B4E76

Trichromacy



Original Color
454B77

Protanomaly
414C78

Deuteranomaly
3F4D76

Tritanomaly
404F63

Monochromacy



Original Color
454B77

Achromatopsia
4E4E4E

Achromatomaly
4B4D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 454B77 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 #454B77 looks like.

```
.text, #text, p{  
    color:#454B77  
}
```

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 #454B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454B77
}
```

Border

The CSS property to change the border of an element to Hex 454B77 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
#454B77 }
```

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

```
.border{ border-color:#454B77 }
```

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

Here you see how a box with a 4 pixel #454B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454B77; -webkit-box-shadow:4px 4px  
4px 4px #454B77; box-shadow:4px 4px 4px  
4px #454B77 }
```

Background

The CSS property to change the background color of an element to Hex 454B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454B77 }
```

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

```
.background{ background-color:#454B77 }
```

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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