

Converting Colors

Hex(464172)

Have a look what the booklet for
Hex(464172) contains.

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Color

Hex(464172)

Conversions

Conversions Part 1

Format	Color
Hex	464172
RGB	70, 65, 114
RGB Percent	27%, 25%, 45%
CMY	0.7255, 0.7451, 0.5529
CMYK	0.39, 0.43, 0.00, 0.55
HSL	246°, 27%, 35%
HSV	246°, 43%, 45%
XYZ	7.4533, 6.2976, 16.7423
YIQ	72.0810, -12.7490, 16.2990

Conversions

Conversions Part 2

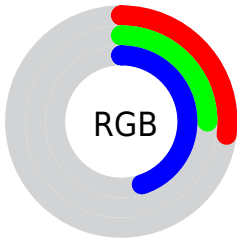
Format	Color
RYB	70, 65, 114
Decimal	4604274
CIELab	30.15, 15.09, -27.58
CIElCh	30, 31.433, 298.681
Yxy	6.2976, 0.2444, 0.2065
Android (android.graphics.Color)	4282794354 (0xFF464172)
YUV	72.0810, 20.6661, -1.8250
Hunter-Lab	25.0950, 9.0992, -21.9893

Details

The Hex color **464172** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D7241**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7871A6**, and **161642** is the 20% darker color. If you saturate the color by 10%, you get **3C3672**, and if you desaturate by 10%, it is **504C72**.

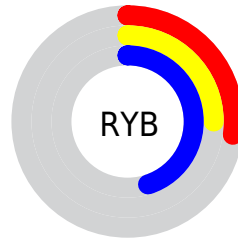
Distribution



Red (27%)

Green (25%)

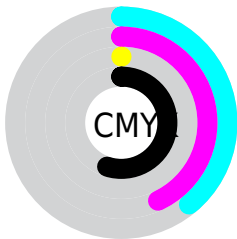
Blue (45%)



Red (27%)

Yellow (25%)

Blue (45%)

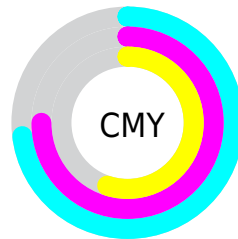


Cyan (39%)

Magenta (43%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464172 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 464172 by changing the saturation by 10% instead.



464172



464172

FFFFFF



2E2B59



7871A6



161642



938AC1



02002C



AEA5DD



000116



C9C0FA



000000



E6DCFF



FFF8FF



464172



464172



3C3672



504C72

■ 322A72

■ 5A5872

■ 271F72

■ 656372

■ 1D1372

■ 6F6F72

■ 130872

■ 797A72

■ 0C0072

■ 838572

■ 8E9172

■ 989C72

■ A2A872

Harmonies

Analogous

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



074A78



464172



643761

Triad

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



464172



683C1D



005345

Complementary

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



464172



6D7241

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.



1C512C



464172



554513

Square

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



464172



733431



3D4C19



00535E

Rectangle

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



464172



6F3251



3D4C19



00523D

Sweetspot

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



464172



838194



416D72



3F3E4A



C9C9C9



4A4A4A

Same Dimension

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



464172



4F4794



5E4172



333238



0C0078



1900F7

Inverse Universe

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



72416D



94478C



557241



383238



78006C



F700DE

Previews

White Background



This preview shows how the Hex color 464172 looks on a white background.

Color Contrast Check

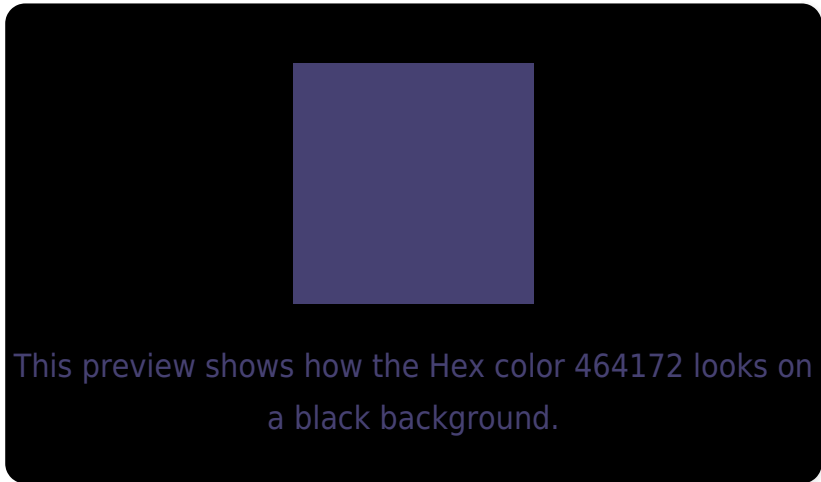
Large Text (above 18pt) WCAG AA ✓ Pass

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

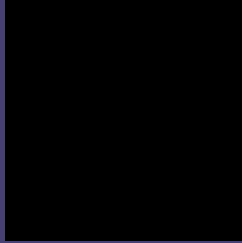
Any Text WCAG AA × Fail

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 464172 Background



This preview shows how black text looks on a background with the Hex color 464172.



This preview shows how white text looks on a background with the Hex color 464172.

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
464172

Protanopia
334576

Deuteranopia
304771



Tritanopia
3E494F

Trichromacy



Original Color
464172

Protanomaly
3A4475

Deuteranomaly
384571

Tritanomaly
41465C

Monochromacy



Original Color
464172

Achromatopsia
484848

Achromatomaly
474557

CSS Examples

Text

The CSS property to change the color of the text to Hex 464172 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 #464172 looks like.

```
.text, #text, p{  
    color:#464172  
}
```

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 #464172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464172
}
```

Border

The CSS property to change the border of an element to Hex 464172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

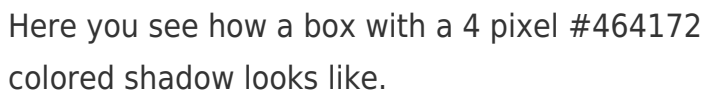
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464172 }
```

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

```
.border{ border-color:#464172 }
```

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



Here you see how a box with a 4 pixel #464172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464172; -webkit-box-shadow:4px 4px  
4px 4px #464172; box-shadow:4px 4px 4px  
4px #464172 }
```

Background

The CSS property to change the background color of an element to Hex 464172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464172 }
```

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

```
.background{ background-color:#464172 }
```

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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