

Converting Colors

Hex(465172)

Have a look what the booklet for
Hex(465172) contains.

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Color

Hex(465172)

Conversions

Conversions Part 1

Format	Color
Hex	465172
RGB	70, 81, 114
RGB Percent	27%, 32%, 45%
CMY	0.7255, 0.6824, 0.5529
CMYK	0.39, 0.29, 0.00, 0.55
HSL	225°, 24%, 36%
HSV	225°, 39%, 45%
XYZ	8.5055, 8.4019, 17.0930
YIQ	81.4730, -17.1490, 7.9310

Conversions

Conversions Part 2

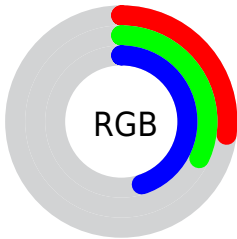
Format	Color
R_{YB}	70, 79, 114
Decimal	4608370
CIE _{Lab}	34.81, 4.65, -20.29
CIE _{LCh}	35, 20.820, 282.910
Yxy	8.4019, 0.2502, 0.2471
Android (android.graphics.Color)	4282798450 (0xFF465172)
YUV	81.4730, 16.0358, -10.0618
Hunter-Lab	28.9860, 1.6526, -14.6732

Details

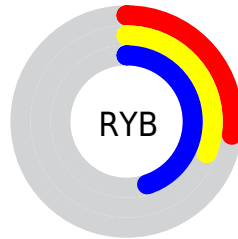
The Hex color **465172** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **726746**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7882A6**, and **172542** is the 20% darker color. If you saturate the color by 10%, you get **3B4872**, and if you desaturate by 10%, it is **515A72**.

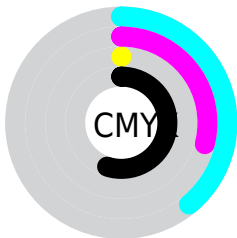
Distribution



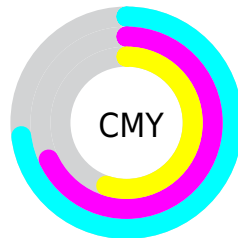
- Red (27%)
- Green (32%)
- Blue (45%)



- Red (27%)
- Yellow (31%)
- Blue (45%)



- Cyan (39%)
- Magenta (29%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465172 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 465172 by changing the saturation by 10% instead.

■ 465172

■ 465172

FFFFFF

■ 2E3A59

■ 7882A6

■ 172542

■ 929CC1

■ 00102C

■ ADB7DD

■ 000117

■ C9D3FA

■ 000000

■ E5EFFF

■ 465172

■ 465172

■ 3B4872

■ 515A72

■ 2F4072

■ 5D6272

■ 243772

■ 686B72

■ 182F72

■ 747372

■ 0D2672

■ 7F7C72

■ 021E72

■ 8A8472

■ 001C72

■ 968D72

■ A19572

■ AD9E72

Harmonies

Analogous

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



2B5671



465172



5D4B6A

Triad

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



465172



70483C



2F5A48

Complementary

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



465172



726746

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.



435739



465172



654E32

Square

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



465172



72454B



565331



1B5B59

Rectangle

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



465172



684861



565331



365942

Sweetspot

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



465172



828794



467267



40424A



C9C9C9



4A4A4A

Same Dimension

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



465172



506194



514672



323438



001E78



003EF7

Inverse Universe

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



724651



945061



677246



383234



78001E



F7003E

Previews

White Background



This preview shows how the Hex color 465172 looks on a white background.

Color Contrast Check

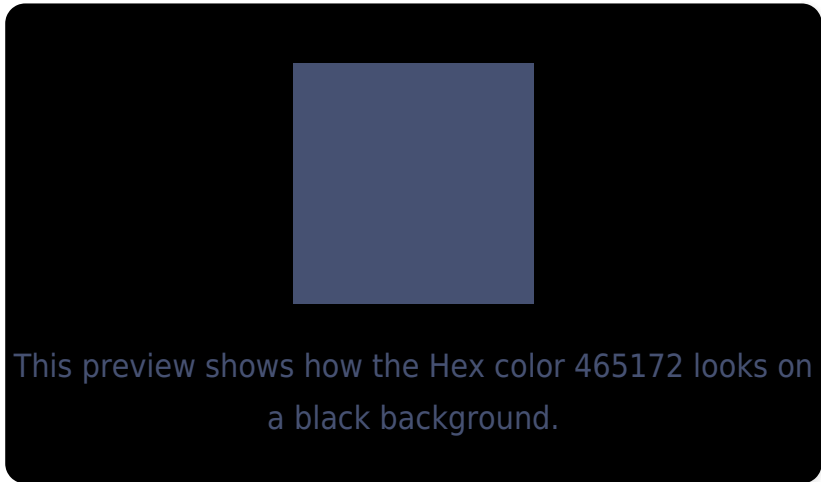
Large Text (above 18pt) WCAG AA ✓ Pass

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 465172 Background



This preview shows how black text looks on a background with the Hex color 465172.

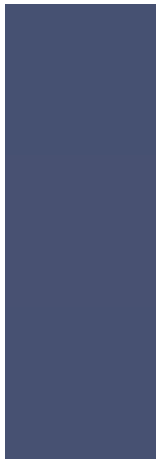


This preview shows how white text looks on a background with the Hex color 465172.

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](#).

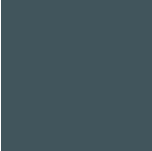
Dichromacy



Original Color
465172

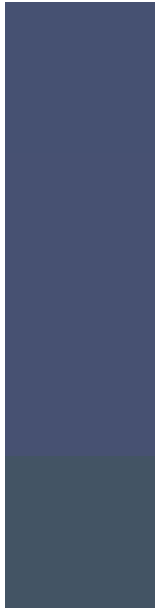
Protanopia
485172

Deuteranopia
475172



Tritanopia
41555C

Trichromacy



Original Color
465172

Protanomaly
475172

Deuteranomaly
475172

Tritanomaly
435464

Monochromacy



Original Color
465172

Achromatopsia
515151

Achromatomaly
4D515D

CSS Examples

Text

The CSS property to change the color of the text to Hex 465172 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 #465172 looks like.

```
.text, #text, p{  
    color:#465172  
}
```

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 #465172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465172
}
```

Border

The CSS property to change the border of an element to Hex 465172 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
#465172 }
```

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

```
.border{ border-color:#465172 }
```

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

Here you see how a box with a 4 pixel #465172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465172; -webkit-box-shadow:4px 4px  
4px 4px #465172; box-shadow:4px 4px 4px  
4px #465172 }
```

Background

The CSS property to change the background color of an element to Hex 465172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465172 }
```

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

```
.background{ background-color:#465172 }
```

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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