

Converting Colors

Hex(465476)

Have a look what the booklet for
Hex(465476) contains.

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Color

Hex(465476)

Conversions

Conversions Part 1

Format	Color
Hex	465476
RGB	70, 84, 118
RGB Percent	27%, 33%, 46%
CMY	0.7255, 0.6706, 0.5373
CMYK	0.41, 0.29, 0.00, 0.54
HSL	222°, 26%, 37%
HSV	222°, 41%, 46%
XYZ	8.9661, 8.9507, 18.3946
YIQ	83.6900, -19.2580, 7.6060

Conversions

Conversions Part 2

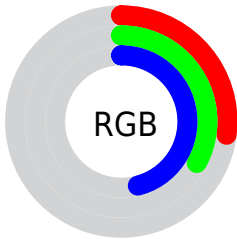
Format	Color
R_{YB}	70, 81, 118
Decimal	4609142
CIE _{Lab}	35.89, 3.95, -21.10
CIE _{LCh}	36, 21.465, 280.603
Yxy	8.9507, 0.2469, 0.2465
Android (android.graphics.Color)	4282799222 (0xFF465476)
YUV	83.6900, 16.9148, -12.0061
Hunter-Lab	29.9178, 1.1389, -15.5114

Details

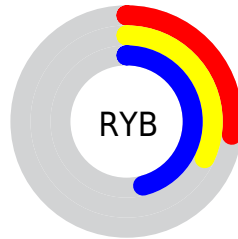
The Hex color **465476** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **766846**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7885AA**, and **162745** is the 20% darker color. If you saturate the color by 10%, you get **3A4C76**, and if you desaturate by 10%, it is **525C76**.

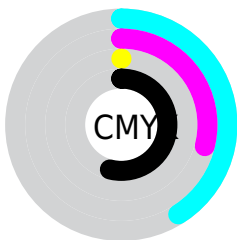
Distribution



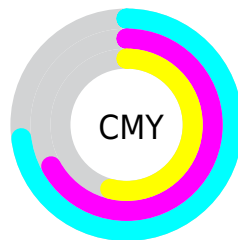
- Red (27%)
- Green (33%)
- Blue (46%)



- Red (27%)
- Yellow (32%)
- Blue (46%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (54%)



- Cyan (73%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465476 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 465476 by changing the saturation by 10% instead.

■ 465476

■ 465476

FFFFFF

■ 2E3D5D

■ 7885AA

■ 162745

■ 929FC6

■ 00132F

■ ADBAE2

■ 00011A

■ C9D6FE

■ 000000

■ E6F2FF

■ 465476

■ 465476

■ 3A4C76

■ 525C76

■ 2E4376

■ 5E6576

■ 233B76

■ 696D76

■ 173376

■ 757576

■ 0B2A76

■ 817E76

■ 002276

■ 8D8676

■ 998F76

■ A49776

■ B09F76

Harmonies

Analogous

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



2A5974



465476



5E4E6F

Triad

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



465476



744A3F



325D48

Complementary

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



465476



766846

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.



475A3A



465476



6A5034

Square

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



465476



76474F



5A5532



1C5E5A

Rectangle

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



465476



6A4A66



5A5532



395C43

Sweetspot

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



465476



878C99



467668



42454D



CCCCCC



4D4D4D

Same Dimension

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



465476



4E6499



504676



35363B



00247A



0049FA

Inverse Universe

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



764654



994E64



6C7646



3B3536



7A0024



FA0049

Previews

White Background



This preview shows how the Hex color 465476 looks on a white background.

Color Contrast Check

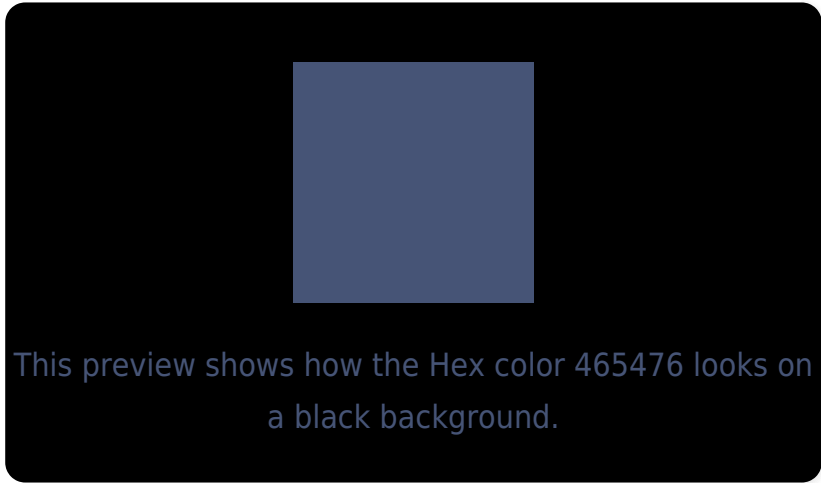
Large Text (above 18pt) WCAG AA ✓ Pass

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

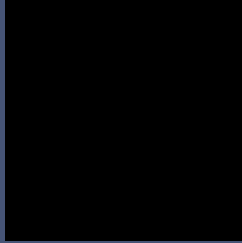
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

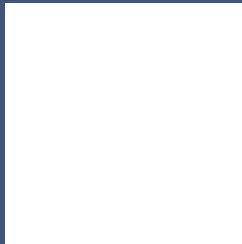
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 465476 Background



This preview shows how black text looks on a background with the Hex color 465476.

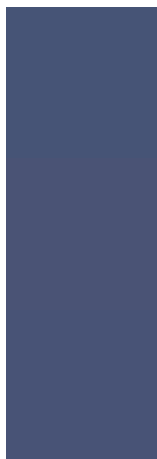


This preview shows how white text looks on a background with the Hex color 465476.

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


465476

Protanopia

4A5375

Deuteranopia

485376



Tritanopia
40585F

Trichromacy



Original Color
465476

Protanomaly
495375

Deuteranomaly
475376

Tritanomaly
425767

Monochromacy



Original Color
465476

Achromatopsia
545454

Achromatomaly
4F5460

CSS Examples

Text

The CSS property to change the color of the text to Hex 465476 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 #465476 looks like.

```
.text, #text, p{  
    color:#465476  
}
```

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 #465476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465476
}
```

Border

The CSS property to change the border of an element to Hex 465476 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
#465476 }
```

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

```
.border{ border-color:#465476 }
```

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

Here you see how a box with a 4 pixel #465476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465476; -webkit-box-shadow:4px 4px  
4px 4px #465476; box-shadow:4px 4px 4px  
4px #465476 }
```

Background

The CSS property to change the background color of an element to Hex 465476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465476 }
```

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

```
.background{ background-color:#465476 }
```

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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