

Converting Colors

Hex(465A87)

Have a look what the booklet for
Hex(465A87) contains.

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Color

Hex(465A87)

Conversions

Conversions Part 1

Format	Color
Hex	465A87
RGB	70, 90, 135
RGB Percent	27%, 35%, 53%
CMY	0.7255, 0.6471, 0.4706
CMYK	0.48, 0.33, 0.00, 0.47
HSL	222°, 32%, 40%
HSV	222°, 48%, 53%
XYZ	10.5551, 10.3637, 24.3657
YIQ	89.1500, -26.3650, 9.7550

Conversions

Conversions Part 2

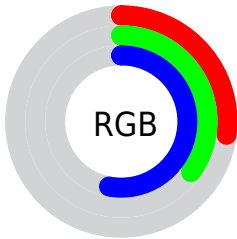
Format	Color
R_{YB}	70, 85, 135
Decimal	4610695
CIE _{Lab}	38.49, 5.47, -27.48
CIE _{LCh}	38, 28.019, 281.263
Yxy	10.3637, 0.2331, 0.2289
Android (android.graphics.Color)	4282800775 (0xFF465A87)
YUV	89.1500, 22.6041, -16.7945
Hunter-Lab	32.1927, 2.1882, -22.3401

Details

The Hex color **465A87** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **877346**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A8CBD**, and **102D55** is the 20% darker color. If you saturate the color by 10%, you get **395187**, and if you desaturate by 10%, it is **546387**.

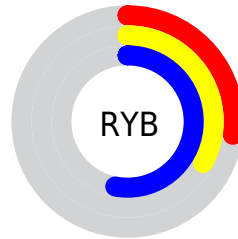
Distribution



Red (27%)

Green (35%)

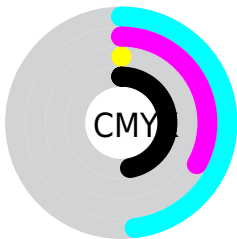
Blue (53%)



Red (27%)

Yellow (33%)

Blue (53%)

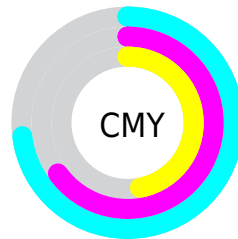


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (65%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A87 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 465A87 by changing the saturation by 10% instead.



465A87



465A87

FFFFFF



2C436D



7A8CBD



102D55



94A6D8



00193D



B0C1F5



000328



CCDDFF



000111



E9FAFF



000000



465A87



465A87



395187



546387



2B4787



616D87

■ 1D3E87

■ 6F7687

■ 103587

■ 7C7F87

■ 022B87

■ 8A8987

■ 002A87

■ 979287

■ A59B87

■ B2A587

■ C0AE87

Harmonies

Analogous

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



126185



465A87



68517D

Triad

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



465A87



824D3E



29654B

Complementary

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



465A87



877346

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.



486237



465A87



755430

Square

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



465A87



864853



605C2D



006663

Rectangle

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



465A87



784C71



605C2D



346544

Sweetspot

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



465A87



979FB0



468772



4A4F59



D9D9D9



595959

Same Dimension

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



465A87



4A69B0



524687



3C3E42



002882



000103

Inverse Universe

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



87465A



B04A69



7B8746



423C3E



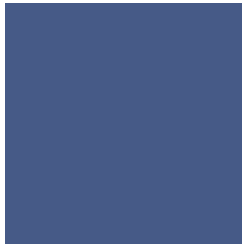
820028



030001

Previews

White Background



This preview shows how the Hex color 465A87 looks on a white background.

Color Contrast Check

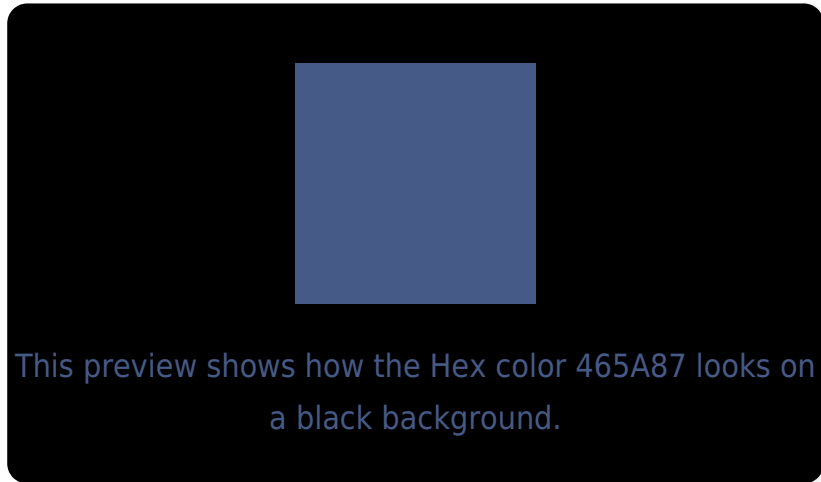
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

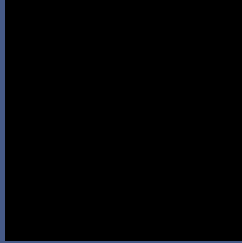
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

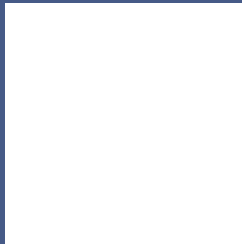
Any Text WCAG AAA × Fail

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

Hex 465A87 Background



This preview shows how black text looks on a background with the Hex color 465A87.

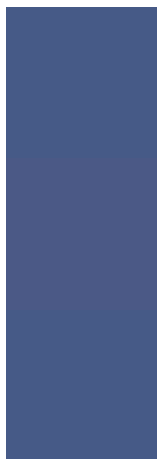


This preview shows how white text looks on a background with the Hex color 465A87.

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

465A87

Protanopia

4B5986

Deuteranopia

465A87



Tritanopia
3D6068

Trichromacy



Original Color
465A87

Protanomaly
495986

Deuteranomaly
465A87

Tritanomaly
405E73

Monochromacy



Original Color
465A87

Achromatopsia
595959

Achromatomaly
52596A

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A87 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 #465A87 looks like.

```
.text, #text, p{  
    color:#465A87  
}
```

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 #465A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A87
}
```

Border

The CSS property to change the border of an element to Hex 465A87 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
#465A87 }
```

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

```
.border{ border-color:#465A87 }
```

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

Here you see how a box with a 4 pixel #465A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A87; -webkit-box-shadow:4px 4px  
4px 4px #465A87; box-shadow:4px 4px 4px  
4px #465A87 }
```

Background

The CSS property to change the background color of an element to Hex 465A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A87 }
```

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

```
.background{ background-color:#465A87 }
```

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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