

Converting Colors

Hex(465178)

Have a look what the booklet for
Hex(465178) contains.

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Color

Hex(465178)

Conversions

Conversions Part 1

Format	Color
Hex	465178
RGB	70, 81, 120
RGB Percent	27%, 32%, 47%
CMY	0.7255, 0.6824, 0.5294
CMYK	0.42, 0.33, 0.00, 0.53
HSL	227°, 26%, 37%
HSV	227°, 42%, 47%
XYZ	8.8584, 8.5430, 18.9514
YIQ	82.1570, -19.0750, 9.7970

Conversions

Conversions Part 2

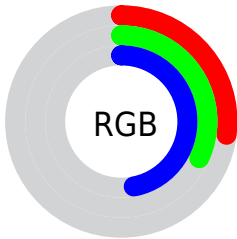
Format	Color
R_{YB}	70, 79, 120
Decimal	4608376
CIE _{Lab}	35.09, 6.48, -23.58
CIE _{LCh}	35, 24.457, 285.372
Yxy	8.5430, 0.2437, 0.2350
Android (android.graphics.Color)	4282798456 (0xFF465178)
YUV	82.1570, 18.6566, -10.6617
Hunter-Lab	29.2284, 2.9490, -17.9830

Details

The Hex color **465178** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **786D46**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7882AC**, and **152547** is the 20% darker color. If you saturate the color by 10%, you get **3A4878**, and if you desaturate by 10%, it is **525A78**.

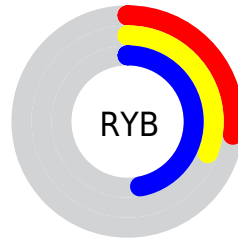
Distribution



Red (27%)

Green (32%)

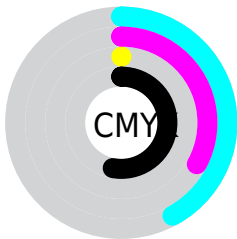
Blue (47%)



Red (27%)

Yellow (31%)

Blue (47%)

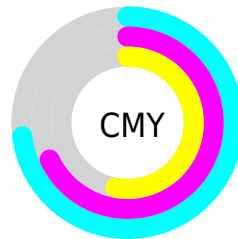


Cyan (42%)

Magenta (33%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465178 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 465178 by changing the saturation by 10% instead.

■ 465178

■ 465178

FFFFFF

■ 2E3A5F

■ 7882AC

■ 152547

■ 939CC8

■ 001031

■ AEB7E4

■ 00011B

■ CAD3FF

■ 000000

■ E6EFFF

■ 465178

■ 465178

■ 3A4878

■ 525A78

■ 2E3E78

■ 5E6478

■ 223578

■ 6A6D78

■ 162C78

■ 767678

■ 0A2278

■ 828078

■ 001A78

■ 8E8978

■ 9A9378

■ A69C78

■ B2A578

Harmonies

Analogous

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



215778



465178



614A6E

Triad

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



465178



744738



255C48

Complementary

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



465178



786D46

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.



3F5936



465178



674E2D

Square

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



465178



784349



55552C



005D5C

Rectangle

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



465178



6E4663



55552C



2E5B42

Sweetspot

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



465178



878C9C



46786C



42454F



CFCFCF



4F4F4F

Same Dimension

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



465178



4E5F9C



534678



37383D



001B7D



0038FC

Inverse Universe

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



784651



9C4E5F



6B7846



3D3738



7D001B



FC0038

Previews

White Background



This preview shows how the Hex color 465178 looks on a white background.

Color Contrast Check

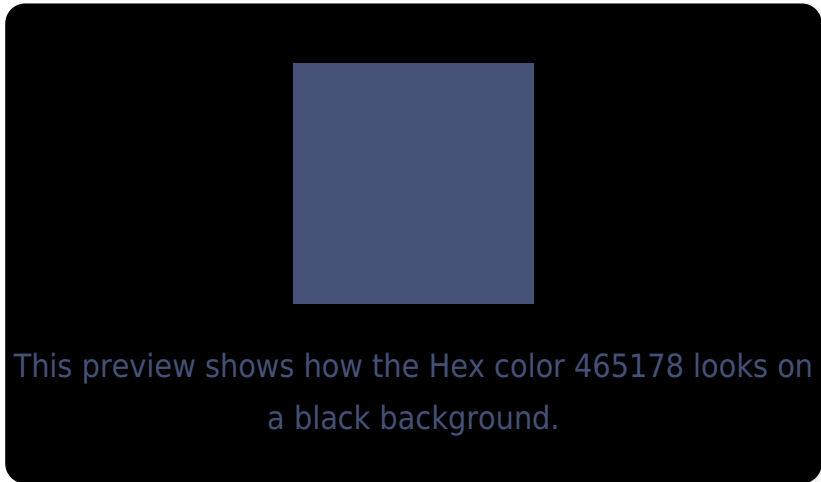
Large Text (above 18pt) WCAG AA ✓ Pass

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

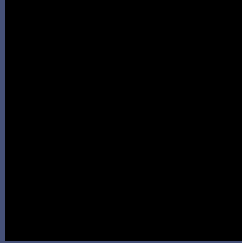
Any Text WCAG AA × Fail

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 465178 Background



This preview shows how black text looks on a background with the Hex color 465178.



This preview shows how white text looks on a background with the Hex color 465178.

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](#).

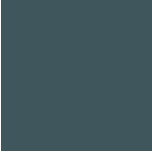
Dichromacy



Original Color
465178

Protanopia
465178

Deuteranopia
435278



Tritanopia
3F565D

Trichromacy



Original Color
465178

Protanomaly
465178

Deuteranomaly
445278

Tritanomaly
425467

Monochromacy



Original Color
465178

Achromatopsia
525252

Achromatomaly
4E5260

CSS Examples

Text

The CSS property to change the color of the text to Hex 465178 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 #465178 looks like.

```
.text, #text, p{  
    color:#465178  
}
```

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 #465178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465178
}
```

Border

The CSS property to change the border of an element to Hex 465178 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
#465178 }
```

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

```
.border{ border-color:#465178 }
```

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

Here you see how a box with a 4 pixel #465178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465178; -webkit-box-shadow:4px 4px  
4px 4px #465178; box-shadow:4px 4px 4px  
4px #465178 }
```

Background

The CSS property to change the background color of an element to Hex 465178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465178 }
```

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

```
.background{ background-color:#465178 }
```

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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