

Converting Colors

Hex(461D61)

Have a look what the booklet for
Hex(461D61) contains.

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Color

Hex(461D61)

Conversions

Conversions Part 1

Format	Color
Hex	461D61
RGB	70, 29, 97
RGB Percent	27%, 11%, 38%
CMY	0.7255, 0.8863, 0.6196
CMYK	0.28, 0.70, 0.00, 0.62
HSL	276°, 54%, 25%
HSV	276°, 70%, 38%
XYZ	5.1228, 3.0439, 11.6268
YIQ	49.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

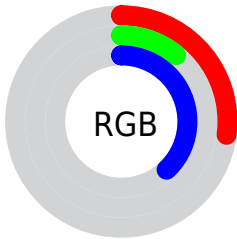
Format	Color
R_{YB}	70, 29, 97
Decimal	4595041
CIE _{Lab}	20.22, 32.75, -32.44
CIE _{LCh}	20, 46.098, 315.277
Yxy	3.0439, 0.2588, 0.1538
Android (android.graphics.Color)	4282785121 (0xFF461D61)
YUV	49.0110, 23.6586, 18.4074
Hunter-Lab	17.4467, 21.8805, -27.2991

Details

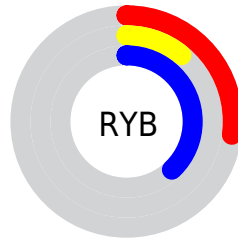
The Hex color **461D61** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **38611D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **794C94**, and **1C0032** is the 20% darker color. If you saturate the color by 10%, you get **421361**, and if you desaturate by 10%, it is **4A2761**.

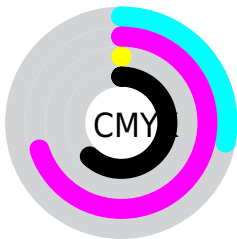
Distribution



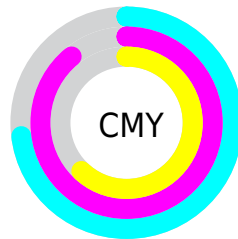
- Red (27%)
- Green (11%)
- Blue (38%)



- Red (27%)
- Yellow (11%)
- Blue (38%)



- Cyan (28%)
- Magenta (70%)
- Yellow (0%)
- Black (62%)



- Cyan (73%)
- Magenta (89%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461D61 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 461D61 by changing the saturation by 10% instead.

■ 461D61

■ 461D61

FFFFFF

■ 2E0549

■ 794C94

■ 1C0032

■ 9365AF

■ 00011C

■ AF7ECB

■ 000000

■ CB99E7

■ E7B4FF

■ FFCFFF

■ FFECFF

■ 461D61

■ 461D61

■ 421361

■ 4A2761

■ 3E0A61

■ 4E3061

■ 3A0061

■ 523A61

■ 554461

■ 594E61

■ 5D5761

■ 616161

■ 656B61

■ 697461

Harmonies

Analogous

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



002F73



461D61



630043

Triad

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



461D61



4B2900



003F42

Complementary

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



461D61



38611D

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.



003E1E



461D61



2D3500

Square

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



461D61



601600



003B00



003E61

Rectangle

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



461D61



6A002C



003B00



003E36

Sweetspot

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



461D61



73637D



1D3861



393040



BFBFBF



404040

Same Dimension

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



461D61



53147D



611D5A



2F2C30



440070



9100F0

Inverse Universe

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



611D38



7D143E



1D6124



302C2E



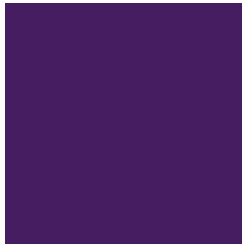
70002D



F0005F

Previews

White Background



This preview shows how the Hex color 461D61 looks on a white background.

Color Contrast Check

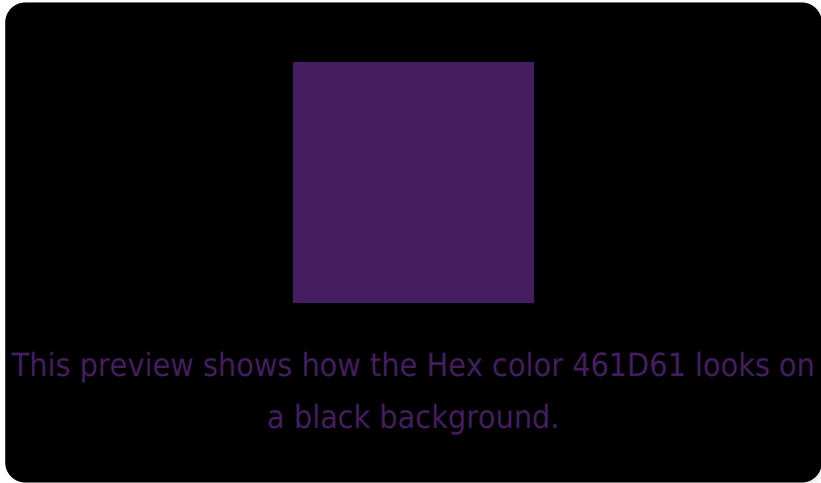
Large Text (above 18pt) WCAG AA ✓ Pass

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

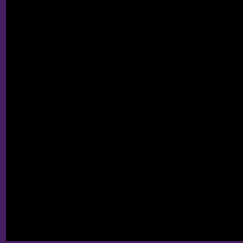
Any Text WCAG AA × Fail

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 461D61 Background



This preview shows how black text looks on a background with the Hex color 461D61.



This preview shows how white text looks on a background with the Hex color 461D61.

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
461D61

Protanopia
003066

Deuteranopia
003359



Tritanopia
3E2D31

Trichromacy



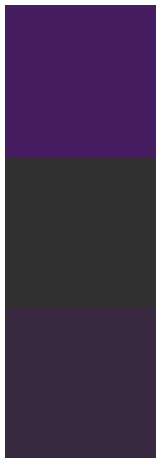
Original Color
461D61

Protanomaly
192964

Deuteranomaly
192B5C

Tritanomaly
412742

Monochromacy



Original Color
461D61

Achromatopsia
313131

Achromatomaly
392A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 461D61 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 #461D61 looks like.

```
.text, #text, p{  
    color:#461D61  
}
```

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 #461D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461D61
}
```

Border

The CSS property to change the border of an element to Hex 461D61 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
#461D61 }
```

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

```
.border{ border-color:#461D61 }
```

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

Here you see how a box with a 4 pixel #461D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461D61; -webkit-box-shadow:4px 4px  
4px 4px #461D61; box-shadow:4px 4px 4px  
4px #461D61 }
```

Background

The CSS property to change the background color of an element to Hex 461D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461D61 }
```

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

```
.background{ background-color:#461D61 }
```

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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