

Converting Colors

Hex(461266)

Have a look what the booklet for
Hex(461266) contains.

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Color

Hex(461266)

Conversions

Conversions Part 1

Format	Color
Hex	461266
RGB	70, 18, 102
RGB Percent	27%, 7%, 40%
CMY	0.7255, 0.9294, 0.6000
CMYK	0.31, 0.82, 0.00, 0.60
HSL	277°, 70%, 24%
HSV	277°, 82%, 40%
XYZ	5.1404, 2.6940, 12.8194
YIQ	43.1240, 4.0280, 37.1480

Conversions

Conversions Part 2

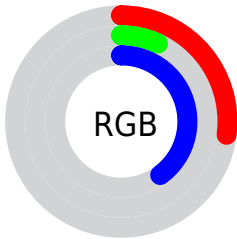
Format	Color
R_{YB}	70, 18, 102
Decimal	4592230
CIE _{Lab}	18.77, 39.20, -38.07
CIE _{LCh}	19, 54.639, 315.835
Yxy	2.6940, 0.2489, 0.1304
Android (android.graphics.Color)	4282782310 (0xFF461266)
YUV	43.1240, 29.0259, 23.5703
Hunter-Lab	16.4134, 27.1791, -34.8180

Details

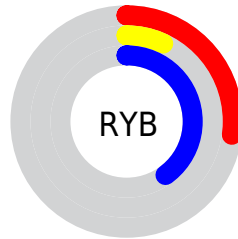
The Hex color **461266** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **326612**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7A439A**, and **180036** is the 20% darker color. If you saturate the color by 10%, you get **420866**, and if you desaturate by 10%, it is **4A1C66**.

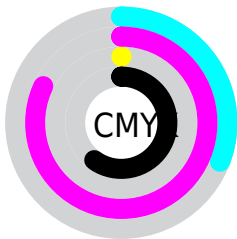
Distribution



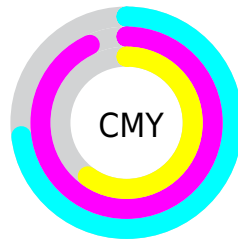
- Red (27%)
- Green (7%)
- Blue (40%)



- Red (27%)
- Yellow (7%)
- Blue (40%)



- Cyan (31%)
- Magenta (82%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461266 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 461266 by changing the saturation by 10% instead.

461266

461266

FFFFFF

2D004D

7A439A

180036

955CB5

000220

B076D1

000004

CD90ED

000000

E9ABFF

FFC7FF

FFE3FF

461266

461266

■ 420866

■ 4A1C66

■ 3F0066

■ 4E2666

■ 523166

■ 563B66

■ 594566

■ 5D4F66

■ 615966

■ 656466

■ 696E66

Harmonies

Analogous

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



002C7C



461266



680042

Triad

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



461266



492500



003D42

Complementary

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



461266



326612

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.



003C19



461266



263200

Square

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



461266



620500



003900



003C67

Rectangle

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



461266



6F0028



003900



003C35

Sweetspot

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



461266



786385



123266



3B2E42



C2C2C2



424242

Same Dimension

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



461266



530185



66125C



312E33



470073



9600F2

Inverse Universe

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



661232



850133



12661C



332E30



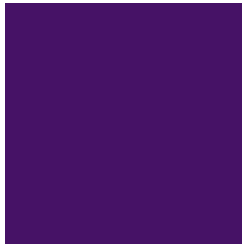
73002C



F2005C

Previews

White Background



This preview shows how the Hex color 461266 looks on a white background.

Color Contrast Check

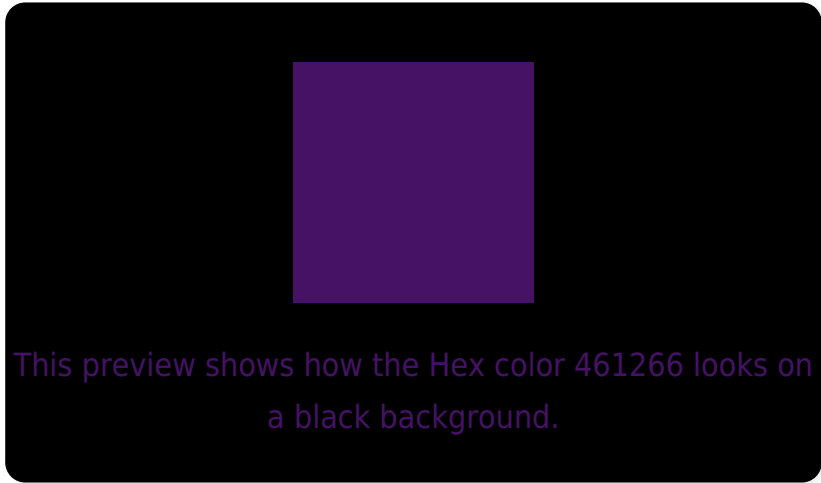
Large Text (above 18pt) WCAG AA ✓ Pass

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

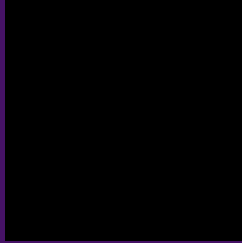
Any Text WCAG AA × Fail

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 461266 Background



This preview shows how black text looks on a background with the Hex color 461266.



This preview shows how white text looks on a background with the Hex color 461266.

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
461266

Protanopia
002E60

Deuteranopia
003154



Tritanopia
3C2A2E

Trichromacy



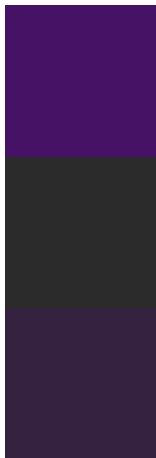
Original Color
461266

Protanomaly
192462

Deuteranomaly
19265B

Tritanomaly
402142

Monochromacy



Original Color
461266

Achromatopsia
2B2B2B

Achromatomaly
352240

CSS Examples

Text

The CSS property to change the color of the text to Hex 461266 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 #461266 looks like.

```
.text, #text, p{  
    color:#461266  
}
```

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 #461266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461266
}
```

Border

The CSS property to change the border of an element to Hex 461266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

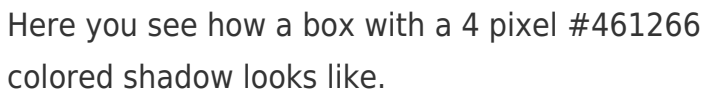
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461266 }
```

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

```
.border{ border-color:#461266 }
```

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



Here you see how a box with a 4 pixel #461266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461266; -webkit-box-shadow:4px 4px  
4px 4px #461266; box-shadow:4px 4px 4px  
4px #461266 }
```

Background

The CSS property to change the background color of an element to Hex 461266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461266 }
```

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

```
.background{ background-color:#461266 }
```

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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