

Converting Colors

Hex(49206A)

Have a look what the booklet for
Hex(49206A) contains.

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Color

Hex(49206A)

Conversions

Conversions Part 1

Format	Color
Hex	49206A
RGB	73, 32, 106
RGB Percent	29%, 13%, 42%
CMY	0.7137, 0.8745, 0.5843
CMYK	0.31, 0.70, 0.00, 0.58
HSL	273°, 54%, 27%
HSV	273°, 70%, 42%
XYZ	5.8657, 3.4901, 14.0002
YIQ	52.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

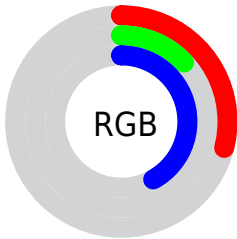
Format	Color
R_{YB}	73, 32, 106
Decimal	4792426
CIE _{Lab}	21.91, 34.19, -35.59
CIE _{LCh}	22, 49.349, 313.854
Yxy	3.4901, 0.2511, 0.1494
Android (android.graphics.Color)	4282982506 (0xFF49206A)
YUV	52.6950, 26.2794, 17.8075
Hunter-Lab	18.6818, 23.3520, -31.3547

Details

The Hex color **49206A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **416A20**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7D4F9E**, and **1B003A** is the 20% darker color. If you saturate the color by 10%, you get **44156A**, and if you desaturate by 10%, it is **4E2B6A**.

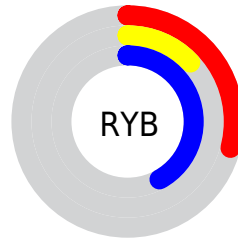
Distribution



Red (29%)

Green (13%)

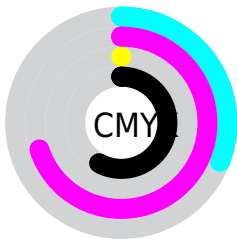
Blue (42%)



Red (29%)

Yellow (13%)

Blue (42%)

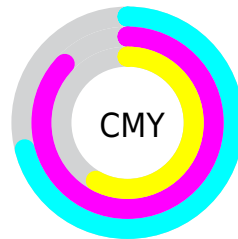


Cyan (31%)

Magenta (70%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (87%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49206A 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 49206A by changing the saturation by 10% instead.



49206A



49206A

FFFFFF



300751



7D4F9E



1B003A



9768B9



000223



B382D5



00000B



CF9CF2



000000



ECB8FF



FFD3FF



FFF0FF



49206A



49206A

■ 44156A

■ 4E2B6A

■ 400B6A

■ 52356A

■ 3B006A

■ 57406A

■ 5C4A6A

■ 61556A

■ 65606A

■ 6A6A6A

■ 6F756A

■ 747F6A

Harmonies

Analogous

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



00347D



49206A



6A004A

Triad

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



49206A



512B00



004345

Complementary

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



49206A



416A20

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.



00421F



49206A



323800

Square

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



49206A



681500



003F00



004367

Rectangle

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



49206A



720032



003F00



004338

Sweetspot

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



49206A



7D6D8A



20416A



3D3445



C4C4C4



454545

Same Dimension

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



49206A



56168A



6A2066



333036



410075



8800F5

Inverse Universe

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



6A2041



8A164A



206A24



363033



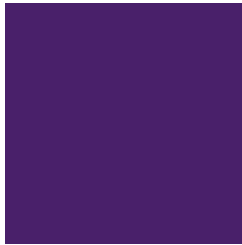
750034



F5006D

Previews

White Background



This preview shows how the Hex color 49206A looks on a white background.

Color Contrast Check

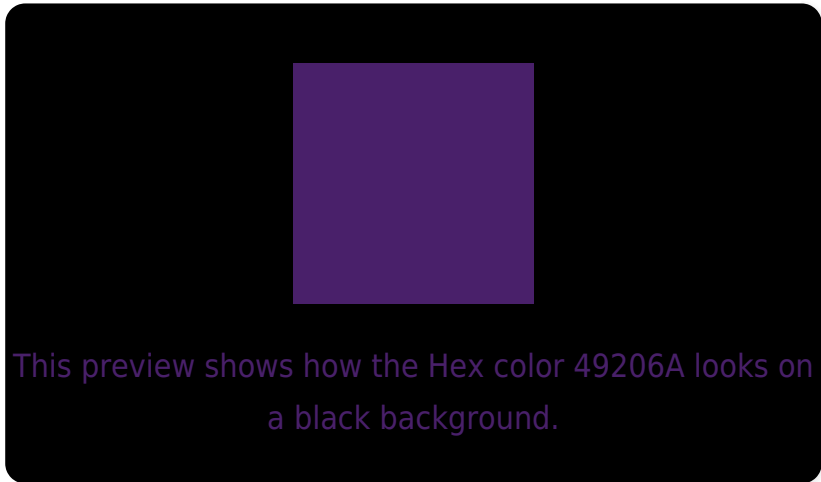
Large Text (above 18pt) WCAG AA ✓ Pass

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

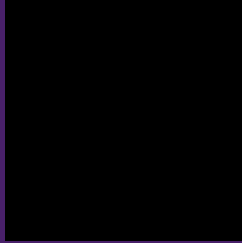
Any Text WCAG AA × Fail

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 49206A Background



This preview shows how black text looks on a background with the Hex color 49206A.

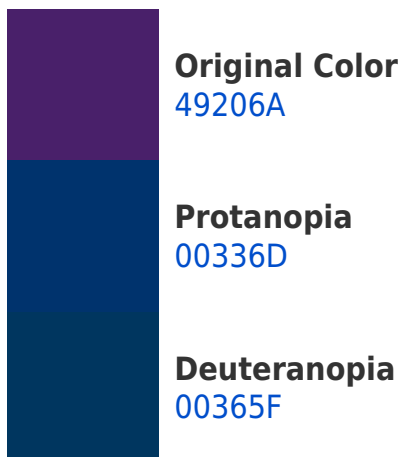


This preview shows how white text looks on a background with the Hex color 49206A.

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](#).

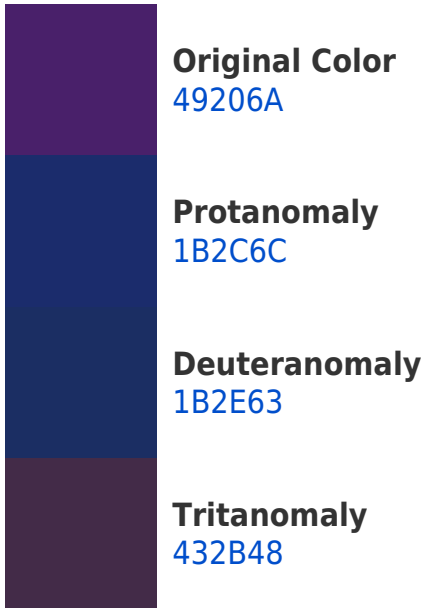
Dichromacy



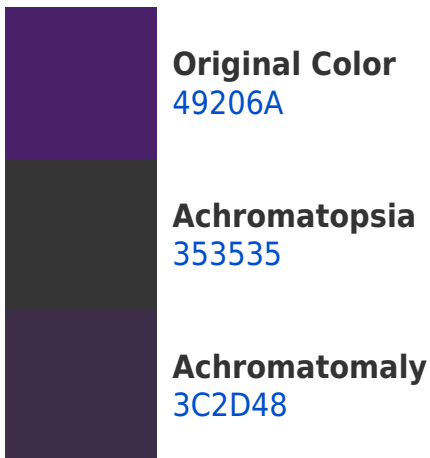


Tritanopia
3F3235

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49206A 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 #49206A looks like.

```
.text, #text, p{  
    color:#49206A  
}
```

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 #49206A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49206A
}
```

Border

The CSS property to change the border of an element to Hex 49206A 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
#49206A }
```

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

```
.border{ border-color:#49206A }
```

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

Here you see how a box with a 4 pixel #49206A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49206A; -webkit-box-shadow:4px 4px  
4px 4px #49206A; box-shadow:4px 4px 4px  
4px #49206A }
```

Background

The CSS property to change the background color of an element to Hex 49206A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49206A }
```

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

```
.background{ background-color:#49206A }
```

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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