

# Converting Colors

Hex(7266AE)

Have a look what the booklet for  
Hex(7266AE) contains.

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# Color

**Hex(7266AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7266AE
RGB	114, 102, 174
RGB Percent	45%, 40%, 68%
CMY	0.5529, 0.6000, 0.3176
CMYK	0.34, 0.41, 0.00, 0.32
HSL	250°, 31%, 54%
HSV	250°, 41%, 68%
XYZ	19.3308, 16.1361, 42.1401
YIQ	113.7960, -15.9600, 24.9360

# Conversions

## Conversions Part 2

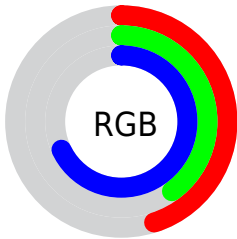
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 102, 174
Decimal	7497390
CIELab	47.15, 21.83, -36.87
CIELCh	47, 42.845, 300.633
Yxy	16.1361, 0.2491, 0.2079
Android (android.graphics.Color)	4285687470 (0xFF7266AE)
YUV	113.7960, 29.6806, 0.1789
Hunter-Lab	40.1698, 15.6018, -34.0793

# Details

The Hex color **7266AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2AE66**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A899E6**, and **3E3779** is the 20% darker color. If you saturate the color by 10%, you get **6455AE**, and if you desaturate by 10%, it is **8177AE**.

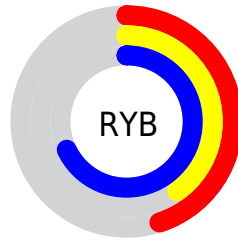
# Distribution



Red (45%)

Green (40%)

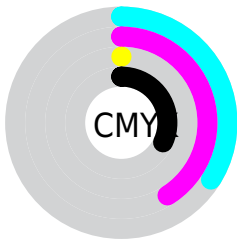
Blue (68%)



Red (45%)

Yellow (40%)

Blue (68%)

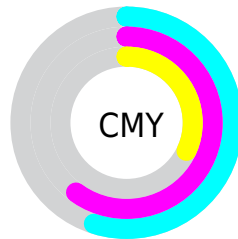


Cyan (34%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (60%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7266AE 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 7266AE by changing the saturation by 10% instead.



■ 7266AE

■ 7266AE

FFFFFF

■ 584E93

■ A899E6

■ 3E3779

■ C4B4FF

■ 242160

■ E0CFFF

■ 050D48

■ FDECFE

■ 000031

■ 00011B

■ 000000

■ 7266AE

■ 7266AE

■ 6455AE

■ 8177AE

■ 5543AE

■ 8F89AE

■ 4732AE

■ 9E9AAE

■ 3820AE

■ ACACAE

■ 2A0FAE

■ BBBDAE

■ 1D00AE

■ C9CEAE

■ D8E0AE

■ E6F1AE

■ F4FFAE

# Harmonies

## Analogous

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



2073B8



7266AE



9C5894

# Triad

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



7266AE



9F6131



00816F

# Complementary

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



7266AE



A2AE66

# 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.



2C7F4B



7266AE



836E23

# Square

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



7266AE



B0544D



5F782E



008193

# Rectangle

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



7266AE



AC517D



5F782E



008163



# Sweetspot

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



7266AE



CCC8E3



66A2AE



656373



F2F2F2



737373



# Same Dimension

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



7266AE



8471E3



9666AE



4F4E57



190096



040017



# Inverse Universe

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



AE66A2



E371D0



7EAE66



574E55



96007D



170013



# Previews

## White Background



This preview shows how the Hex color 7266AE 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



This preview shows how the Hex color 7266AE looks on a 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 7266AE Background



This preview shows how black text looks on a background with the Hex color 7266AE.

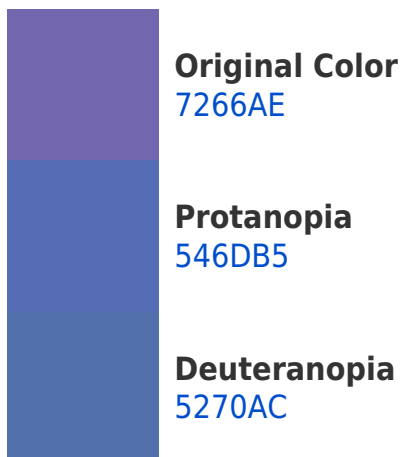


This preview shows how white text looks on a background with the Hex color 7266AE.

# 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](#).

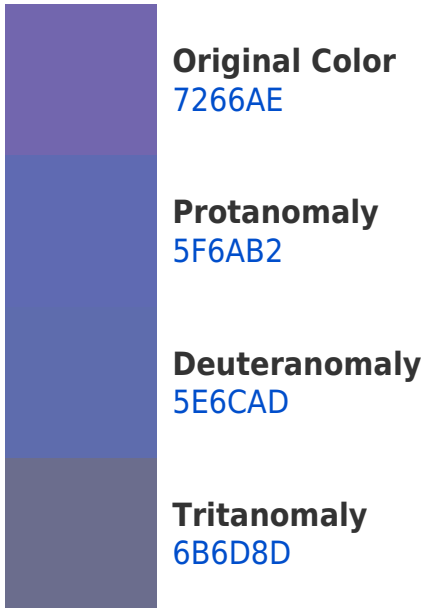
## Dichromacy





**Tritanopia**  
67717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7266AE 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 #7266AE looks like.

```
.text, #text, p{  
  color:#7266AE  
}
```

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 #7266AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7266AE
}
```

## Border

The CSS property to change the border of an element to Hex 7266AE 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
#7266AE }
```

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

```
.border{ border-color:#7266AE }
```

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

Here you see how a box with a 4 pixel #7266AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7266AE; -webkit-box-shadow:4px 4px  
4px 4px #7266AE; box-shadow:4px 4px 4px  
4px #7266AE }
```

# Background

The CSS property to change the background color of an element to Hex 7266AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7266AE }
```

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

```
.background{ background-color:#7266AE }
```

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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