

Converting Colors

Hex(6726AA)

Have a look what the booklet for
Hex(6726AA) contains.

Hex(6726AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6726AA)

Conversions

Conversions Part 1

Format	Color
Hex	6726AA
RGB	103, 38, 170
RGB Percent	40%, 15%, 67%
CMY	0.5961, 0.8510, 0.3333
CMYK	0.39, 0.78, 0.00, 0.33
HSL	270°, 63%, 41%
HSV	270°, 78%, 67%
XYZ	13.5423, 7.1721, 38.7008
YIQ	72.4830, -3.6320, 54.8320

Conversions

Conversions Part 2

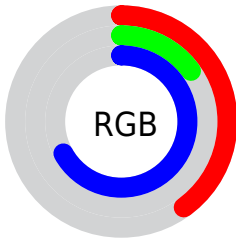
Format	Color
R_{YB}	103, 38, 170
Decimal	6760106
CIE _{Lab}	32.20, 53.41, -58.58
CIE _{LCh}	32, 79.270, 312.359
Yxy	7.1721, 0.2279, 0.1207
Android (android.graphics.Color)	4284950186 (0xFF6726AA)
YUV	72.4830, 48.0759, 26.7634
Hunter-Lab	26.7807, 43.3967, -66.9334

Details

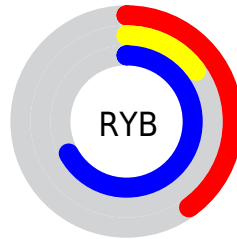
The Hex color **6726AA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **69AA26**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A05AE2**, and **2D0075** is the 20% darker color. If you saturate the color by 10%, you get **5E15AA**, and if you desaturate by 10%, it is **7037AA**.

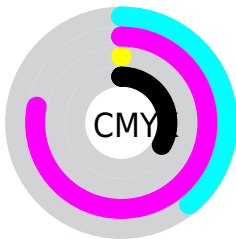
Distribution



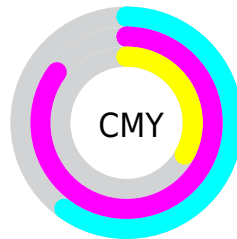
- Red (40%)
- Green (15%)
- Blue (67%)



- Red (40%)
- Yellow (15%)
- Blue (67%)



- Cyan (39%)
- Magenta (78%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6726AA 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 6726AA by changing the saturation by 10% instead.

6726AA

6726AA

FFFFFF

4B058F

A05AE2

2D0075

BC75FF

0B005B

DA8FFF

000043

F7ABFF

00032B

FFC7FF

000116

FFE4FF

000000

6726AA

6726AA

5E15AA

7037AA

■ 5604AA

■ 7848AA

■ 5400AA

■ 8159AA

■ 8A6AAA

■ 927BAA

■ 9B8CAA

■ A39DAA

■ ACAEAA

■ B5BFAA

Harmonies

Analogous

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



004DC9



6726AA



A30073

Triad

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



6726AA



7B3A00



006365

Complementary

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



6726AA



69AA26

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.



006122



6726AA



465200

Square

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



6726AA



A10000



005C00



0063A0

Rectangle

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



6726AA



B1004A



005C00



00624F

Sweetspot

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



6726AA



C4ABDE



266AAA



605170



F0F0F0



707070

Same Dimension

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



6726AA



7510DE



A826AA



504C54



490094



0A0014

Inverse Universe

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



AA2669



DE1078



28AA26



544C50



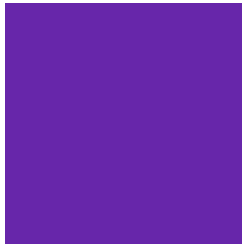
94004B



14000A

Previews

White Background



This preview shows how the Hex color 6726AA 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

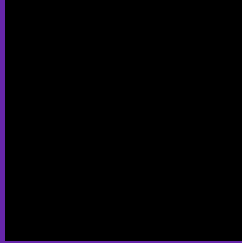
Any Text WCAG AA × Fail

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 6726AA Background



This preview shows how black text looks on a background with the Hex color 6726AA.

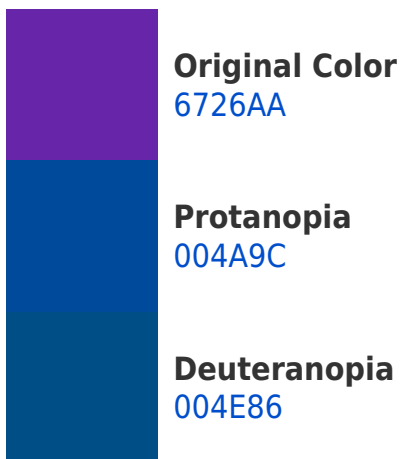


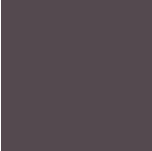
This preview shows how white text looks on a background with the Hex color 6726AA.

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](#).

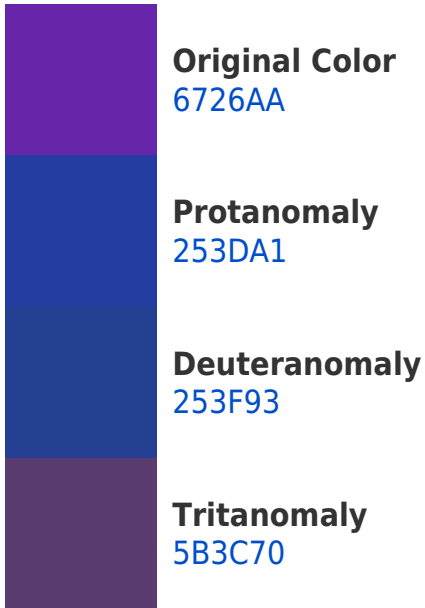
Dichromacy



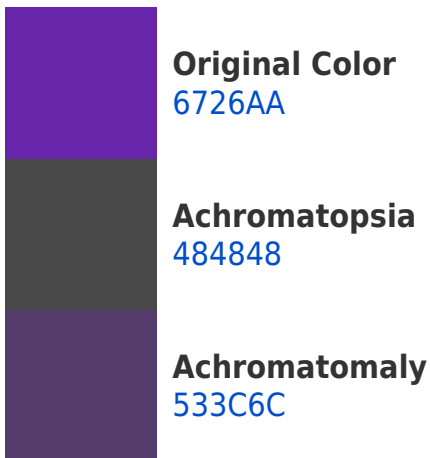


Tritanopia
54494F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6726AA 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 #6726AA looks like.

```
.text, #text, p{  
  color:#6726AA  
}
```

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 #6726AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6726AA
}
```

Border

The CSS property to change the border of an element to Hex 6726AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

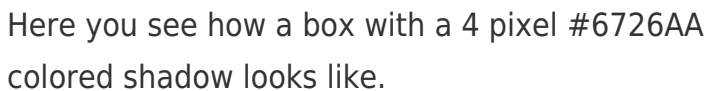
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6726AA }
```

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

```
.border{ border-color:#6726AA }
```

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



Here you see how a box with a 4 pixel #6726AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6726AA; -webkit-box-shadow:4px 4px  
4px 4px #6726AA; box-shadow:4px 4px 4px  
4px #6726AA }
```

Background

The CSS property to change the background color of an element to Hex 6726AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6726AA }
```

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

```
.background{ background-color:#6726AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor