

# Converting Colors

Hex(7162A4)

Have a look what the booklet for  
Hex(7162A4) contains.

<b>Hex(7162A4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(7162A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7162A4
RGB	113, 98, 164
RGB Percent	44%, 38%, 64%
CMY	0.5569, 0.6157, 0.3569
CMYK	0.31, 0.40, 0.00, 0.36
HSL	254°, 27%, 51%
HSV	254°, 40%, 64%
XYZ	17.8786, 14.9264, 37.0607
YIQ	110.0090, -12.2460, 23.7060

# Conversions

## Conversions Part 2

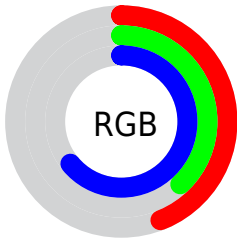
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 98, 164
Decimal	7430820
CIE <sub>Lab</sub>	45.53, 21.26, -33.55
CIE <sub>LCh</sub>	46, 39.716, 302.356
Yxy	14.9264, 0.2559, 0.2136
Android (android.graphics.Color)	4285620900 (0xFF7162A4)
<b>YUV</b>	110.0090, 26.6176, 2.6231
Hunter-Lab	38.6347, 14.9918, -29.8302

# Details

The Hex color **7162A4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A462**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A695DB**, and **3E3370** is the 20% darker color. If you saturate the color by 10%, you get **6452A4**, and if you desaturate by 10%, it is **7E72A4**.

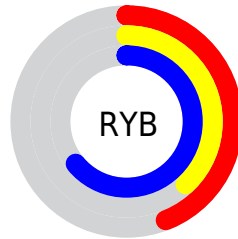
# Distribution



Red (44%)

Green (38%)

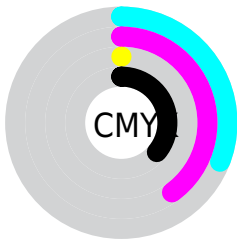
Blue (64%)



Red (44%)

Yellow (38%)

Blue (64%)

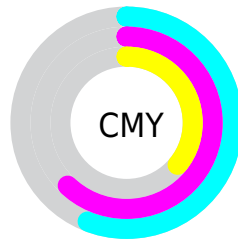


Cyan (31%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (62%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7162A4 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 7162A4 by changing the saturation by 10% instead.



■ 7162A4

■ 7162A4

FFFFFF

■ 574A89

■ A695DB

■ 3E3370

■ C2B0F8

■ 251E57

■ DFCBFF

■ 0B083F

■ FCE7FF

■ 000129

■ 000113

■ 000000

■ 7162A4

■ 7162A4

■ 6452A4

■ 7E72A4

■ 5841A4

■ 8A83A4

■ 4B31A4

■ 9793A4

■ 3E20A4

■ A4A4A4

■ 3210A4

■ B0B4A4

■ 2500A4

■ BDC4A4

■ CAD5A4

■ D6E5A4

■ E3F6A4

# Harmonies

## Analogous

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



2F6FAE



7162A4



97558B

# Triad

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



7162A4



975F31



007C6D

# Complementary

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



7162A4



95A462

# 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.



2C7A4C



7162A4



7C6B26

# Square

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



7162A4



A7534A



5A7431



007C8E

# Rectangle

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



7162A4



A45076



5A7431



007C62



# Sweetspot

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



7162A4



C2BCD6



6296A4



605C6B



EBEBEB



6B6B6B



# Same Dimension

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



7162A4



876FD6



9162A4



4B4952



210091



040012



# Inverse Universe

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



A46295



D66FBF



75A462



524950



910070



12000E



# Previews

## White Background



This preview shows how the Hex color 7162A4 looks on a white background.

## Color Contrast Check

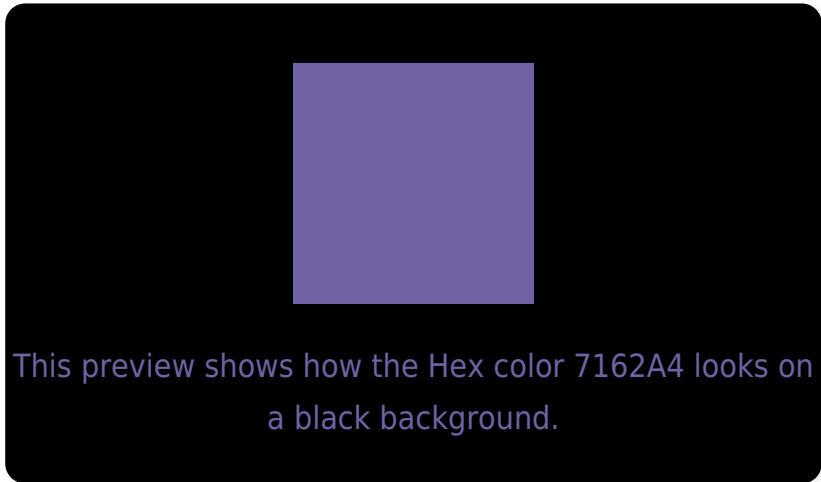
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

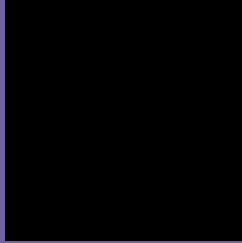
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7162A4 Background



This preview shows how black text looks on a background with the Hex color 7162A4.

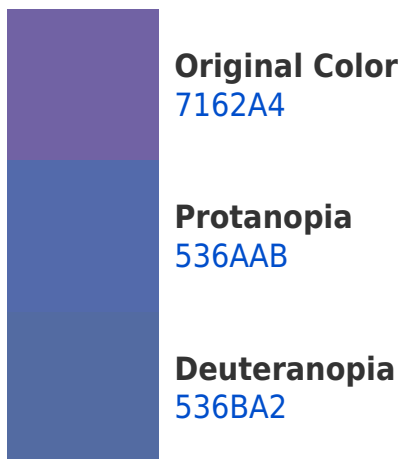



This preview shows how white text looks on a background with the Hex color 7162A4.

# 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**  
676C75

# Trichromacy



**Original Color**

7162A4

**Protanomaly**

5E67A8

**Deuteranomaly**

5E68A3

**Tritanomaly**

6B6886

# Monochromacy



**Original Color**

7162A4

**Achromatopsia**

6E6E6E

**Achromatomaly**

6F6A82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7162A4 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 #7162A4 looks like.

```
.text, #text, p{  
    color:#7162A4  
}
```

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 #7162A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7162A4
}
```

## Border

The CSS property to change the border of an element to Hex 7162A4 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
#7162A4 }
```

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

```
.border{ border-color:#7162A4 }
```

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

Here you see how a box with a 4 pixel #7162A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7162A4; -webkit-box-shadow:4px 4px  
4px 4px #7162A4; box-shadow:4px 4px 4px  
4px #7162A4 }
```

# Background

The CSS property to change the background color of an element to Hex 7162A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7162A4 }
```

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

```
.background{ background-color:#7162A4 }
```

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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