

Converting Colors

Hex(7362CA)

Have a look what the booklet for
Hex(7362CA) contains.

Hex(7362CA)	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(7362CA)

Conversions

Conversions Part 1

Format	Color
Hex	7362CA
RGB	115, 98, 202
RGB Percent	45%, 38%, 79%
CMY	0.5490, 0.6157, 0.2078
CMYK	0.43, 0.51, 0.00, 0.21
HSL	250°, 50%, 59%
HSV	250°, 51%, 79%
XYZ	22.0986, 16.6445, 57.9251
YIQ	114.9390, -23.2520, 35.9480

Conversions

Conversions Part 2

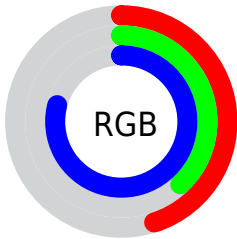
Format	Color
R _{YB}	115, 98, 202
Decimal	7561930
CIE _{Lab}	47.81, 32.41, -52.04
CIE _{LCh}	48, 61.310, 301.917
Yxy	16.6445, 0.2286, 0.1722
Android (android.graphics.Color)	4285752010 (0xFF7362CA)
YUV	114.9390, 42.9211, 0.0535
Hunter-Lab	40.7976, 25.2910, -55.6225

Details

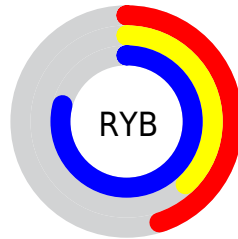
The Hex color **7362CA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9CA62**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AB95FF**, and **3B3393** is the 20% darker color. If you saturate the color by 10%, you get **624ECA**, and if you desaturate by 10%, it is **8476CA**.

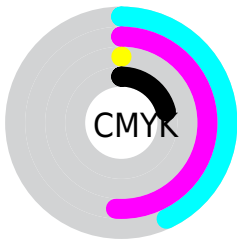
Distribution



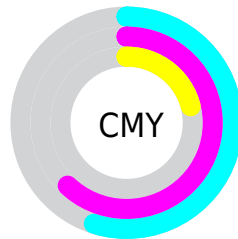
- Red (45%)
- Green (38%)
- Blue (79%)



- Red (45%)
- Yellow (38%)
- Blue (79%)



- Cyan (43%)
- Magenta (51%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (62%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7362CA 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 7362CA by changing the saturation by 10% instead.

■ 7362CA

■ 7362CA

FFFFFF

■ 574AAE

■ AB95FF

■ 3B3393

■ C8B0FF

■ 1A1D79

■ E5CBFF

■ 00095F

■ FFE8FF

■ 000047

■ 00042F

■ 00011A

■ 000000

■ 7362CA

■ 7362CA

■ 624ECA

■ 8476CA

■ 513ACA

■ 958ACA

■ 4025CA

■ A69FCA

■ 2F11CA

■ B7B3CA

■ 2100CA

■ C7C7CA

■ D8DBCA

■ E9EFCA

■ FAFFCA

■ FFFFCA

Harmonies

Analogous

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



0077DA



7362CA



B148A3

Triad

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



7362CA



AE5C0A



008973

Complementary

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



7362CA



B9CA62

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.



00853E



7362CA



867000

Square

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



7362CA



C8443E



517E00



0088A7

Rectangle

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



7362CA



C63A82



517E00



008861

Sweetspot

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



7362CA



DFD9FF



62BACA



6C6980



000000



808080

Same Dimension

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



7362CA



7B61FF



A662CA



5D5C66



1B00A6



060026

Inverse Universe

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



CA62B9



FF61E5



86CA62



665C64



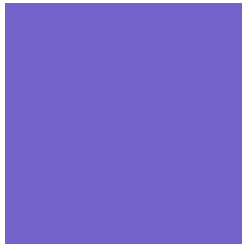
A6008B



260020

Previews

White Background



This preview shows how the Hex color 7362CA looks on a white background.

Color Contrast Check

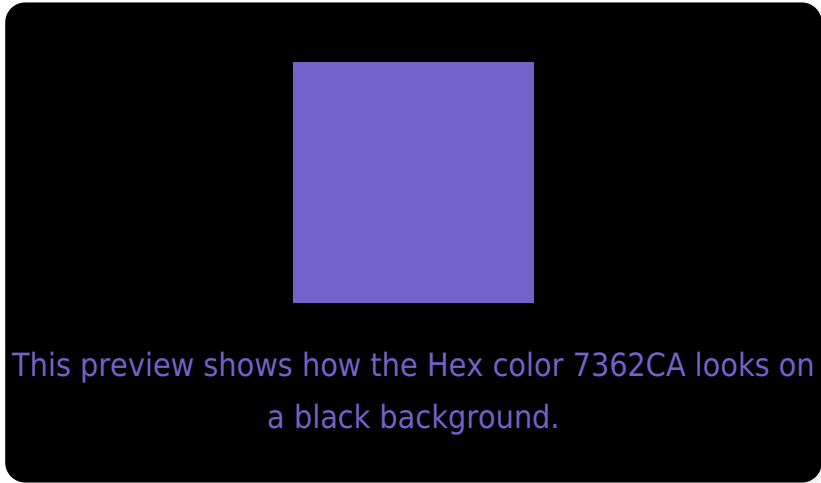
Large Text (above 18pt) WCAG AA ✓ Pass

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 7362CA Background



This preview shows how black text looks on a background with the Hex color 7362CA.

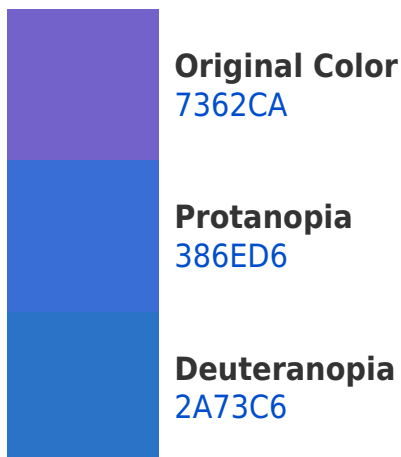


This preview shows how white text looks on a background with the Hex color 7362CA.

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](#).

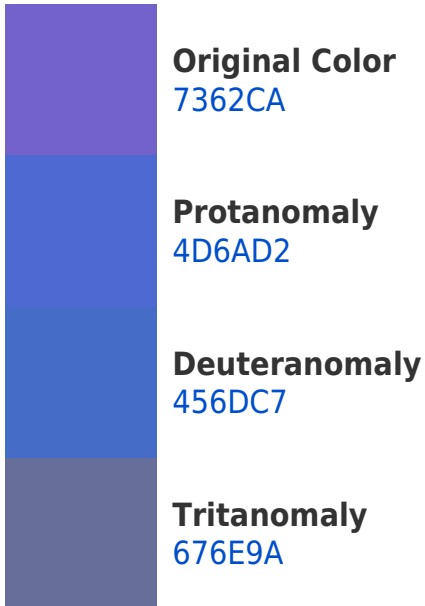
Dichromacy



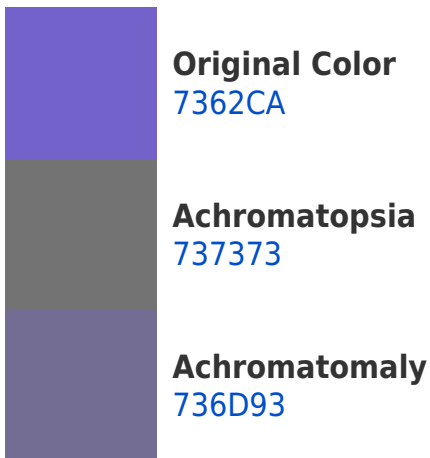


Tritanopia
60757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7362CA 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 #7362CA looks like.

```
.text, #text, p{  
    color:#7362CA  
}
```

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 #7362CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7362CA
}
```

Border

The CSS property to change the border of an element to Hex 7362CA 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
#7362CA }
```

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

```
.border{ border-color:#7362CA }
```

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

Here you see how a box with a 4 pixel #7362CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7362CA; -webkit-box-shadow:4px 4px  
4px 4px #7362CA; box-shadow:4px 4px 4px  
4px #7362CA }
```

Background

The CSS property to change the background color of an element to Hex 7362CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7362CA }
```

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

```
.background{ background-color:#7362CA }
```

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