

Converting Colors

Hex(662EA9)

Have a look what the booklet for
Hex(662EA9) contains.

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Color

Hex(662EA9)

Conversions

Conversions Part 1

Format	Color
Hex	662EA9
RGB	102, 46, 169
RGB Percent	40%, 18%, 66%
CMY	0.6000, 0.8196, 0.3373
CMYK	0.40, 0.73, 0.00, 0.34
HSL	267°, 57%, 42%
HSV	267°, 73%, 66%
XYZ	13.6179, 7.6433, 38.2937
YIQ	76.7660, -6.1070, 50.1250

Conversions

Conversions Part 2

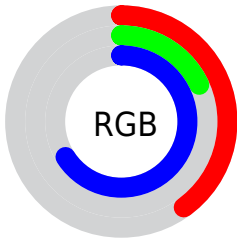
Format	Color
RYB	102, 46, 169
Decimal	6696617
CIELab	33.23, 49.44, -56.30
CIElCh	33, 74.924, 311.291
Yxy	7.6433, 0.2287, 0.1283
Android (android.graphics.Color)	4284886697 (0xFF662EA9)
YUV	76.7660, 45.4714, 22.1302
Hunter-Lab	27.6466, 39.5424, -62.7708

Details

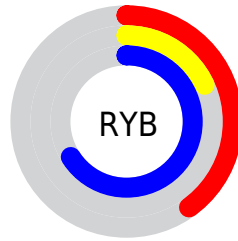
The Hex color **662EA9** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **71A92E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9E61E1**, and **2D0074** is the 20% darker color. If you saturate the color by 10%, you get **5D1DA9**, and if you desaturate by 10%, it is **6F3FA9**.

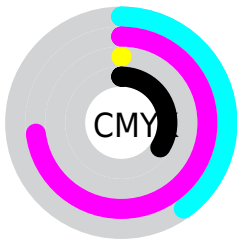
Distribution



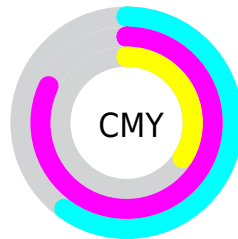
- Red (40%)
- Green (18%)
- Blue (66%)



- Red (40%)
- Yellow (18%)
- Blue (66%)



- Cyan (40%)
- Magenta (73%)
- Yellow (0%)
- Black (34%)



- Cyan (60%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662EA9 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 662EA9 by changing the saturation by 10% instead.

662EA9

662EA9

FFFFFF

4A138E

9E61E1

2D0074

BB7BFE

0A005A

D896FF

000042

F5B1FF

00032B

FFCDFF

000115

FFEAFF

000000

662EA9

662EA9

5D1DA9

6F3FA9

■ 540CA9

■ 7850A9

■ 4D00A9

■ 8261A9

■ 8B72A9

■ 9483A9

■ 9D93A9

■ A6A4A9

■ B0B5A9

■ B9C6A9

Harmonies

Analogous

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



0050C5



662EA9



A10076

Triad

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



662EA9



7E3D00



006564

Complementary

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



662EA9



71A92E

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.



006324



662EA9



4C5300

Square

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



662EA9



A10300



005E00



00659C

Rectangle

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



662EA9



AF004F



005E00



00644F

Sweetspot

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



662EA9



C1ABDB



2E72A9



5E516E



EDEDED



6E6E6E

Same Dimension

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



662EA9



731DDB



A32EA9



504C54



430094



090014

Inverse Universe

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



A92E71



DB1D84



34A92E



544C50



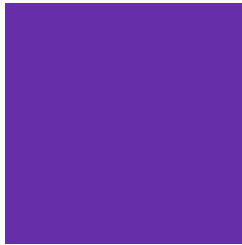
940051



14000B

Previews

White Background



This preview shows how the Hex color 662EA9 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

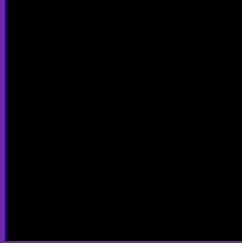
Any Text WCAG AA × Fail

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 662EA9 Background



This preview shows how black text looks on a background with the Hex color 662EA9.

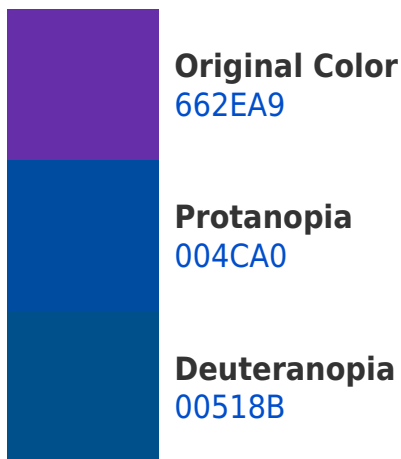


This preview shows how white text looks on a background with the Hex color 662EA9.

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
534C52

Trichromacy



Original Color
662EA9



Protanomaly
2541A3



Deuteranomaly
254496



Tritanomaly
5A4172

Monochromacy



Original Color
662EA9



Achromatopsia
4D4D4D



Achromatomaly
56426E

CSS Examples

Text

The CSS property to change the color of the text to Hex 662EA9 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 #662EA9 looks like.

```
.text, #text, p{  
    color:#662EA9  
}
```

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 #662EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662EA9
}
```

Border

The CSS property to change the border of an element to Hex 662EA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

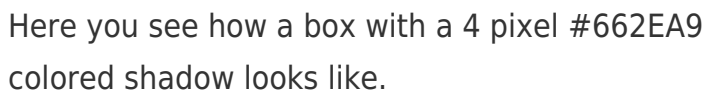
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#662EA9 }
```

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

```
.border{ border-color:#662EA9 }
```

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



Here you see how a box with a 4 pixel #662EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662EA9; -webkit-box-shadow:4px 4px  
4px 4px #662EA9; box-shadow:4px 4px 4px  
4px #662EA9 }
```

Background

The CSS property to change the background color of an element to Hex 662EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662EA9 }
```

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

```
.background{ background-color:#662EA9 }
```

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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