

Converting Colors

Hex(652A88)

Have a look what the booklet for
Hex(652A88) contains.

Hex(652A88)	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(652A88)

Conversions

Conversions Part 1

Format	Color
Hex	652A88
RGB	101, 42, 136
RGB Percent	40%, 16%, 53%
CMY	0.6039, 0.8353, 0.4667
CMYK	0.26, 0.69, 0.00, 0.47
HSL	278°, 53%, 35%
HSV	278°, 69%, 53%
XYZ	10.6387, 6.2002, 23.9286
YIQ	70.3570, 4.9900, 41.7420

Conversions

Conversions Part 2

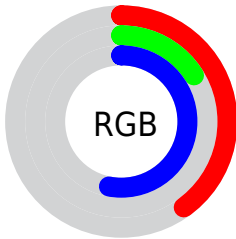
Format	Color
R_{YB}	101, 42, 136
Decimal	6630024
CIE _{Lab}	29.91, 43.07, -41.53
CIE _{LCh}	30, 59.833, 316.039
Yxy	6.2002, 0.2610, 0.1521
Android (android.graphics.Color)	4284820104 (0xFF652A88)
YUV	70.3570, 32.3620, 26.8739
Hunter-Lab	24.9002, 32.6896, -39.5463

Details

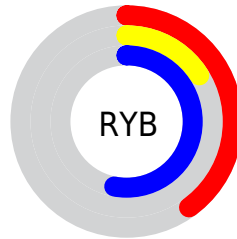
The Hex color **652A88** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D882A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9B5CBE**, and **310055** is the 20% darker color. If you saturate the color by 10%, you get **601C88**, and if you desaturate by 10%, it is **6A3888**.

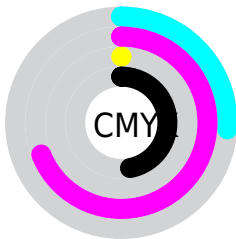
Distribution



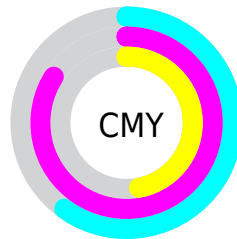
- Red (40%)
- Green (16%)
- Blue (53%)



- Red (40%)
- Yellow (16%)
- Blue (53%)



- Cyan (26%)
- Magenta (69%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 652A88 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 652A88 by changing the saturation by 10% instead.

 652A88

 652A88

FFFFFF

 4B0F6E

 9B5CBE

 310055

 B776DA

 1D003E

 D390F7

 000327

 F0ABFF

 000110

 FFC7FF

 000000

 FFE4FF

 652A88

 652A88

 601C88

 6A3888

■ 5B0F88

■ 6F4588

■ 560188

■ 745388

■ 550088

■ 796088

■ 7E6E88

■ 837C88

■ 888988

■ 8E9788

■ 93A488

Harmonies

Analogous

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



0044A1



652A88



8C005E

Triad

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



652A88



693C00



00595F

Complementary

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



652A88



4D882A

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.



00582E



652A88



404C00

Square

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



652A88



862100



005400



005889

Rectangle

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



652A88



95003F



005400



00594F

Sweetspot

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



652A88



A28BB0



2A4E88



514359



D9D9D9



595959

Same Dimension

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



652A88



7A1EB0



882A7D



423E45



530085



030005

Inverse Universe

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



882A4D



B01E54



2A8835



453E41



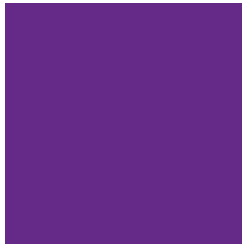
850031



050002

Previews

White Background



This preview shows how the Hex color 652A88 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

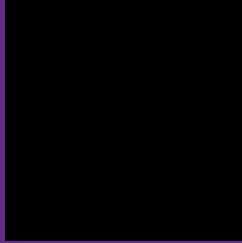
Any Text WCAG AA × Fail

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 652A88 Background



This preview shows how black text looks on a background with the Hex color 652A88.

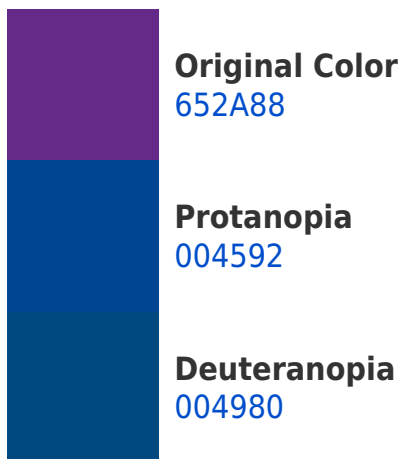



This preview shows how white text looks on a background with the Hex color 652A88.

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
5A4045

Trichromacy



Original Color
652A88

Protanomaly
253B8E

Deuteranomaly
253E83

Tritanomaly
5E385D

Monochromacy



Original Color
652A88

Achromatopsia
464646

Achromatomaly
513C5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 652A88 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 #652A88 looks like.

```
.text, #text, p{  
    color:#652A88  
}
```

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 #652A88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #652A88
}
```

Border

The CSS property to change the border of an element to Hex 652A88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

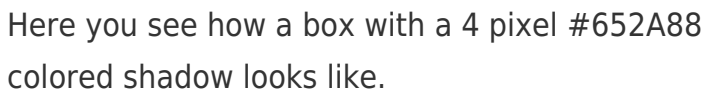
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#652A88 }
```

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

```
.border{ border-color:#652A88 }
```

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



Here you see how a box with a 4 pixel #652A88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #652A88; -webkit-box-shadow:4px 4px  
4px 4px #652A88; box-shadow:4px 4px 4px  
4px #652A88 }
```

Background

The CSS property to change the background color of an element to Hex 652A88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#652A88 }
```

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

```
.background{ background-color:#652A88 }
```

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