

Converting Colors

Hex(562A7E)

Have a look what the booklet for
Hex(562A7E) contains.

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Color

Hex(562A7E)

Conversions

Conversions Part 1

Format	Color
Hex	562A7E
RGB	86, 42, 126
RGB Percent	34%, 16%, 49%
CMY	0.6627, 0.8353, 0.5059
CMYK	0.32, 0.67, 0.00, 0.51
HSL	271°, 50%, 33%
HSV	271°, 67%, 49%
XYZ	8.4316, 5.1407, 20.2865
YIQ	64.7320, -0.7400, 35.4520

Conversions

Conversions Part 2

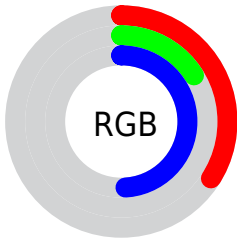
Format	Color
R_{YB}	86, 42, 126
Decimal	5646974
CIE _{Lab}	27.13, 37.08, -39.86
CIE _{LCh}	27, 54.444, 312.928
Yxy	5.1407, 0.2490, 0.1518
Android (android.graphics.Color)	4283837054 (0xFF562A7E)
YUV	64.7320, 30.2051, 18.6520
Hunter-Lab	22.6732, 26.7019, -37.1778




Details

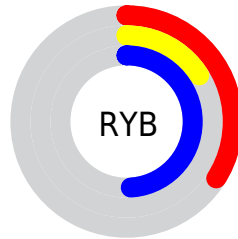
The Hex color **562A7E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **527E2A**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **8B5AB3**, and **23004C** is the 20% darker color. If you saturate the color by 10%, you get **501D7E**, and if you desaturate by 10%, it is **5C377E**.

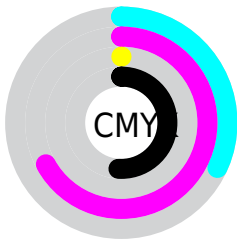
Distribution







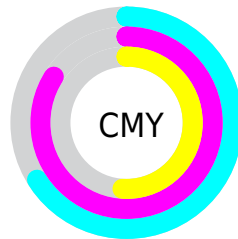
-  Red (34%)
-  Green (16%)
-  Blue (49%)






-  Red (34%)
-  Yellow (16%)
-  Blue (49%)



-  Cyan (32%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (66%)
-  Magenta (84%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 562A7E 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 562A7E by changing the saturation by 10% instead.

■ 562A7E

■ 562A7E

FFFFFF

■ 3C1265

■ 8B5AB3

■ 23004C

■ A674CF

■ 0A0035

■ C28EEC

■ 00021F

■ DFA9FF

■ 000001

■ FCC4FF

■ 000000

■ FFE0FF

■ FFFDFF

■ 562A7E

■ 562A7E

■ 501D7E

■ 5C377E

■ 4A117E

■ 62437E

■ 44047E

■ 68507E

■ 42007E

■ 6E5C7E

■ 74697E

■ 7A767E

■ 80827E

■ 868F7E

■ 8C9B7E

Harmonies

Analogous

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



004093



562A7E



7C045A

Triad

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



562A7E



633500



005152

Complementary

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



562A7E



527E2A

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.



005026



562A7E



3F4400

Square

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



562A7E



7C1C05



004C00



005179

Rectangle

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



562A7E



86003E



004C00



005143

Sweetspot

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



562A7E



9483A3



2A537E



483E52



D1D1D1



525252

Same Dimension

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



562A7E



6521A3



7E2A7D



3D3940



430080



000000

Inverse Universe

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



7E2A52



A3215F



2A7E2B



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 562A7E 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

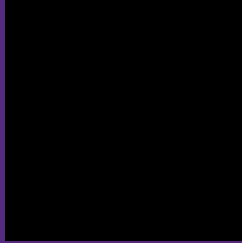
Any Text WCAG AA × Fail

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 562A7E Background



This preview shows how black text looks on a background with the Hex color 562A7E.

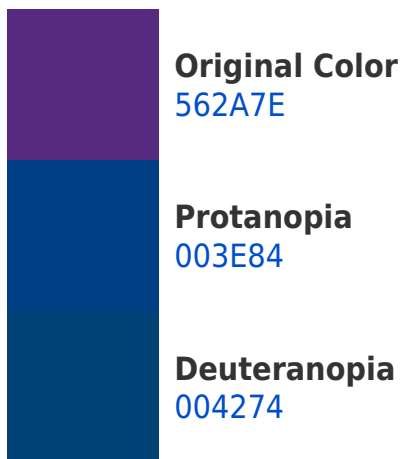



This preview shows how white text looks on a background with the Hex color 562A7E.

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
4B3D42

Trichromacy



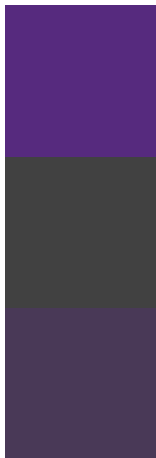
Original Color
562A7E

Protanomaly
1F3782

Deuteranomaly
1F3978

Tritanomaly
4F3658

Monochromacy



Original Color
562A7E

Achromatopsia
414141

Achromatomaly
493957

CSS Examples

Text

The CSS property to change the color of the text to Hex 562A7E 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 #562A7E looks like.

```
.text, #text, p{  
    color:#562A7E  
}
```

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 #562A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #562A7E
}
```

Border

The CSS property to change the border of an element to Hex 562A7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

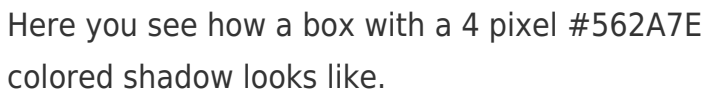
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#562A7E }
```

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

```
.border{ border-color:#562A7E }
```

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



Here you see how a box with a 4 pixel #562A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #562A7E; -webkit-box-shadow:4px 4px  
4px 4px #562A7E; box-shadow:4px 4px 4px  
4px #562A7E }
```

Background

The CSS property to change the background color of an element to Hex 562A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#562A7E }
```

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

```
.background{ background-color:#562A7E }
```

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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