

Converting Colors

Hex(5722AD)

Have a look what the booklet for
Hex(5722AD) contains.

Hex(5722AD)	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(5722AD)

Conversions

Conversions Part 1

Format	Color
Hex	5722AD
RGB	87, 34, 173
RGB Percent	34%, 13%, 68%
CMY	0.6588, 0.8667, 0.3216
CMYK	0.50, 0.80, 0.00, 0.32
HSL	263°, 67%, 41%
HSV	263°, 80%, 68%
XYZ	12.0453, 6.1874, 40.0946
YIQ	65.6930, -13.0310, 54.4650

Conversions

Conversions Part 2

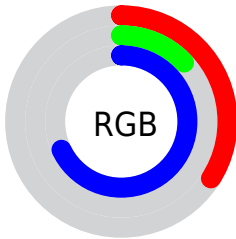
Format	Color
R_{YB}	87, 34, 173
Decimal	5710509
CIE Lab	29.88, 53.39, -64.25
CIE LCh	30, 83.535, 309.725
Yxy	6.1874, 0.2065, 0.1061
Android (android.graphics.Color)	4283900589 (0xFF5722AD)
YUV	65.6930, 52.9024, 18.6862
Hunter-Lab	24.8745, 42.9071, -78.1558

Details

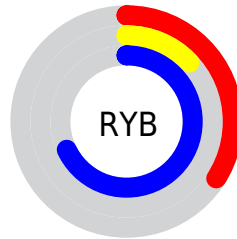
The Hex color **5722AD** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **78AD22**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9156E6**, and **120077** is the 20% darker color. If you saturate the color by 10%, you get **4C11AD**, and if you desaturate by 10%, it is **6233AD**.

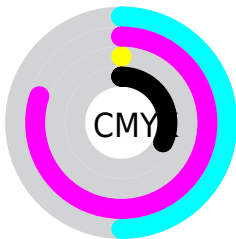
Distribution



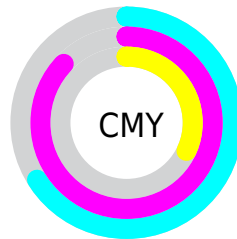
- Red (34%)
- Green (13%)
- Blue (68%)



- Red (34%)
- Yellow (13%)
- Blue (68%)



- Cyan (50%)
- Magenta (80%)
- Yellow (0%)
- Black (32%)



- Cyan (66%)
- Magenta (87%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5722AD 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 5722AD by changing the saturation by 10% instead.

5722AD

5722AD

FFFFFF

390292

9156E6

120077

AE70FF

00005E

CB8AFF

000045

E9A6FF

00032E

FFC1FF

000118

FFDEFF

000000

FFFBFF

5722AD

5722AD

■ 4C11AD

■ 6233AD

■ 4200AD

■ 6C45AD

■ 7756AD

■ 8267AD

■ 8D78AD

■ 978AAD

■ A29BAD

■ ADACAD

■ B7BEAD

Harmonies

Analogous

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



004BCB



5722AD



9D0075

Triad

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



5722AD



793100



005D5B

Complementary

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



5722AD



78AD22

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.



005B12



5722AD



444B00

Square

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



5722AD



9F0000



005600



005E9A

Rectangle

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



5722AD



AD004A



005600



005C44

Sweetspot

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



5722AD



BFABE0



227AAD



5C5070



F0F0F0



707070

Same Dimension

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



5722AD



5B09E0



9A22AD



514E57



390096



090017

Inverse Universe

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



AD2278



E0098E



35AD22



574E53



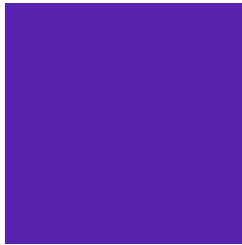
96005D



17000E

Previews

White Background



This preview shows how the Hex color 5722AD 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

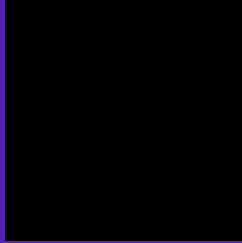
Any Text WCAG AA × Fail

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 5722AD Background



This preview shows how black text looks on a background with the Hex color 5722AD.

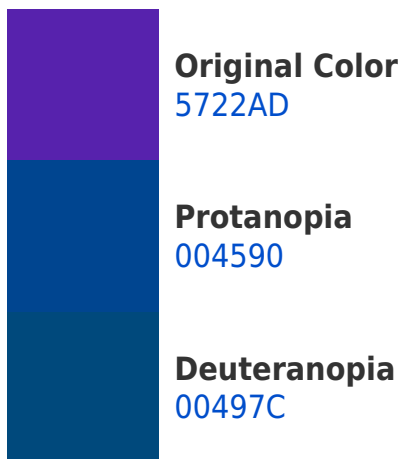


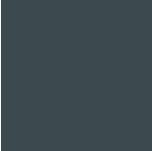
This preview shows how white text looks on a background with the Hex color 5722AD.

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
3C494F

Trichromacy



Original Color
5722AD

Protanomaly
20389B

Deuteranomaly
203B8E

Tritanomaly
463B71

Monochromacy



Original Color
5722AD

Achromatopsia
424242

Achromatomaly
4A3669

CSS Examples

Text

The CSS property to change the color of the text to Hex 5722AD 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 #5722AD looks like.

```
.text, #text, p{  
    color:#5722AD  
}
```

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 #5722AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5722AD
}
```

Border

The CSS property to change the border of an element to Hex 5722AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

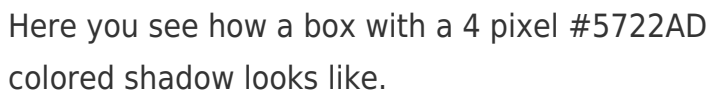
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5722AD }
```

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

```
.border{ border-color:#5722AD }
```

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



Here you see how a box with a 4 pixel #5722AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5722AD; -webkit-box-shadow:4px 4px  
4px 4px #5722AD; box-shadow:4px 4px 4px  
4px #5722AD }
```

Background

The CSS property to change the background color of an element to Hex 5722AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5722AD }
```

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

```
.background{ background-color:#5722AD }
```

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