

# Converting Colors

Hex(A45C91)

Have a look what the booklet for  
Hex(A45C91) contains.

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# Color

**Hex(A45C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A45C91
RGB	164, 92, 145
RGB Percent	64%, 36%, 57%
CMY	0.3569, 0.6392, 0.4314
CMYK	0.00, 0.44, 0.12, 0.36
HSL	316°, 28%, 50%
HSV	316°, 44%, 64%
XYZ	24.2478, 17.5911, 28.9055
YIQ	119.5700, 25.8990, 31.7470

# Conversions

## Conversions Part 2

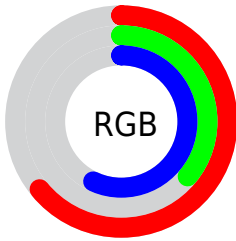
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 92, 145
Decimal	10771601
CIE <sub>Lab</sub>	49.00, 36.96, -16.48
CIE <sub>LCh</sub>	49, 40.463, 335.971
Yxy	17.5911, 0.3428, 0.2487
Android (android.graphics.Color)	4288961681 (0xFFA45C91)
YUV	119.5700, 12.5370, 38.9651
Hunter-Lab	41.9418, 29.7981, -11.5023

# Details

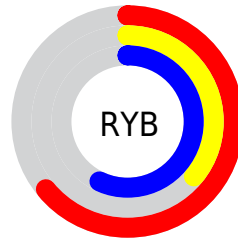
The Hex color **A45C91** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5CA46F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DC90C7**, and **6E2A5E** is the 20% darker color. If you saturate the color by 10%, you get **A44C8D**, and if you desaturate by 10%, it is **A46C95**.

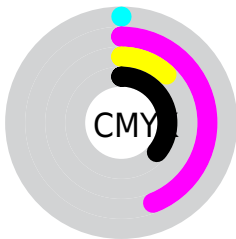
# Distribution



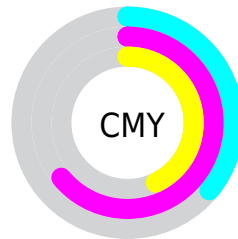
- Red (64%)
- Green (36%)
- Blue (57%)



- Red (64%)
- Yellow (36%)
- Blue (57%)



- Cyan (0%)
- Magenta (44%)
- Yellow (12%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45C91 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 A45C91 by changing the saturation by 10% instead.





A45C91



A45C91

FFFFFF



894377



DC90C7



6E2A5E



F9ABE3



551047



FFC7FF



3C0030



FFE3FF



27001C



000000



A45C91



A45C91



A44C8D



A46C95



A43B88



A47D9A

 A42B84

 A48D9E

 A41A80

 A49EA2

 A40A7B

 A4AEA7

 A40079

 A4BEAB

 A4CFAF

 A4DFB4

 A4F0B8

# Harmonies

## Analogous

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



8069AC



A45C91



B4576F

# Triad

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



A45C91



82752D



00849C

# Complementary

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



A45C91



5CA46F

# 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.



00867A



A45C91



5E7E3B

# Square

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



A45C91



9E6935



2C8457



007FB2

# Rectangle

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



A45C91



B45958



2C8457



008591



# Sweetspot

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



A45C91



D6BACF



6E5CA4



6B5A67



EBEBEB



6B6B6B



# Same Dimension

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



A45C91



D665B8



A45C6E



52494F



91006B



12000D



# Inverse Universe

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



A45C91



D665B8



5CA492



52494F



91006B

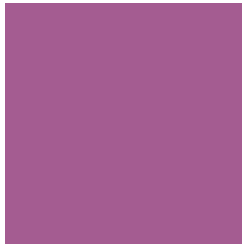


12000D



# Previews

## White Background



This preview shows how the Hex color A45C91 looks on a white background.

## Color Contrast Check

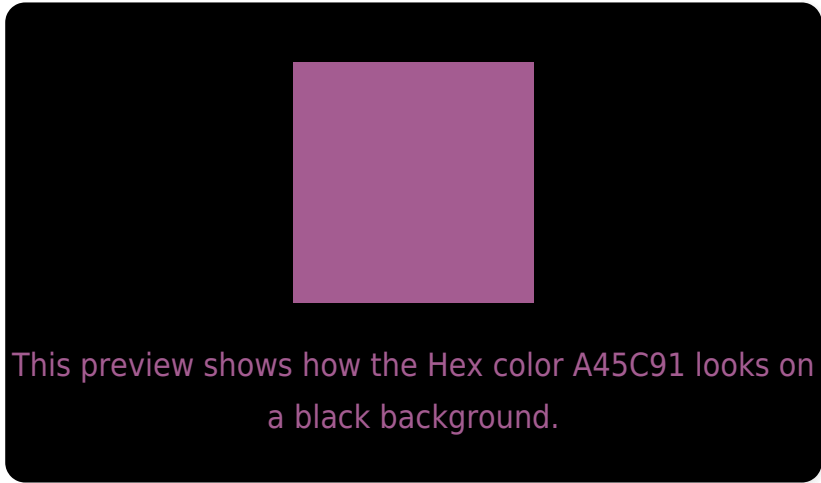
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

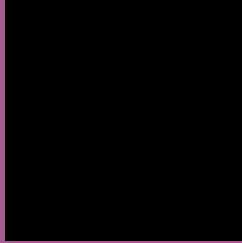
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A45C91 Background



This preview shows how black text looks on a background with the Hex color A45C91.

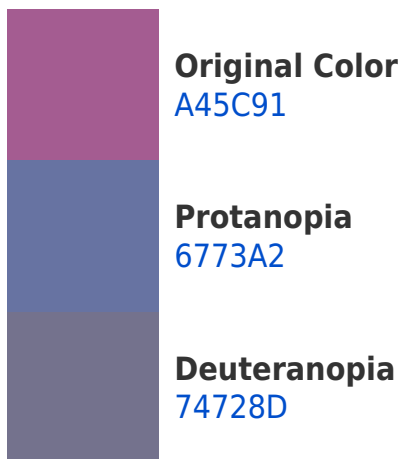


This preview shows how white text looks on a background with the Hex color A45C91.

# 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**  
A0646B

# Trichromacy



**Original Color**  
A45C91

**Protanomaly**  
7D6B9C

**Deuteranomaly**  
856A8E

**Tritanomaly**  
A16179

# Monochromacy



**Original Color**  
A45C91

**Achromatopsia**  
787878

**Achromatomaly**  
886E81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45C91 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 #A45C91 looks like.

```
.text, #text, p{  
    color:#A45C91  
}
```

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 #A45C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45C91
}
```

## Border

The CSS property to change the border of an element to Hex A45C91 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
#A45C91 }
```

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

```
.border{ border-color:#A45C91 }
```

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

Here you see how a box with a 4 pixel #A45C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45C91; -webkit-box-shadow:4px 4px  
4px 4px #A45C91; box-shadow:4px 4px 4px  
4px #A45C91 }
```

# Background

The CSS property to change the background color of an element to Hex A45C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45C91 }
```

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

```
.background{ background-color:#A45C91 }
```

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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