

# Converting Colors

Hex(6245A2)

Have a look what the booklet for  
Hex(6245A2) contains.

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# Color

**Hex(6245A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6245A2
RGB	98, 69, 162
RGB Percent	38%, 27%, 64%
CMY	0.6157, 0.7294, 0.3647
CMYK	0.40, 0.57, 0.00, 0.36
HSL	259°, 40%, 45%
HSV	259°, 57%, 64%
XYZ	13.6867, 9.4615, 35.2873
YIQ	88.2730, -12.5690, 35.0710

# Conversions

## Conversions Part 2

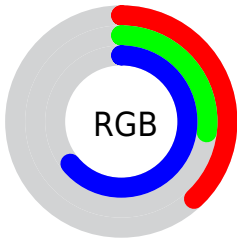
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 69, 162
Decimal	6440354
CIE <sub>Lab</sub>	36.86, 34.24, -46.24
CIE <sub>LCh</sub>	37, 57.538, 306.515
Yxy	9.4615, 0.2342, 0.1619
Android (android.graphics.Color)	4284630434 (0xFF6245A2)
YUV	88.2730, 36.3474, 8.5306
Hunter-Lab	30.7596, 25.5955, -46.4855

# Details

The Hex color **6245A2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **85A245**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9876DA**, and **2C176D** is the 20% darker color. If you saturate the color by 10%, you get **5735A2**, and if you desaturate by 10%, it is **6D55A2**.

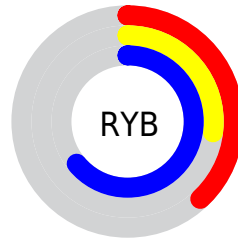
# Distribution



Red (38%)

Green (27%)

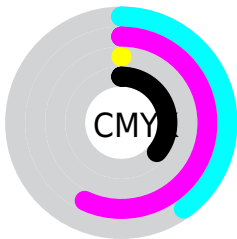
Blue (64%)



Red (38%)

Yellow (27%)

Blue (64%)

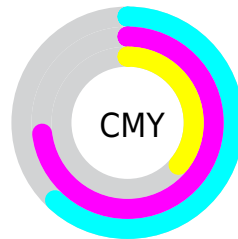


Cyan (40%)

Magenta (57%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (73%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6245A2 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 6245A2 by changing the saturation by 10% instead.



6245A2

6245A2

FFFFFF

472E87

9876DA

2C176D

B490F6

0B0255

D1ABFF

00003D

EEC7FF

000226

FFE3FF

00010F

000000

6245A2

6245A2

5735A2

6D55A2

■ 4C25A2

■ 7865A2

■ 4114A2

■ 8376A2

■ 3504A2

■ 8F86A2

■ 3300A2

■ 9A96A2

■ A5A6A2

■ B0B6A2

■ BBC7A2

■ C6D7A2

# Harmonies

## Analogous

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



0059B4



6245A2



942A7D

# Triad

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



6245A2



864600



006B60

# Complementary

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



6245A2



85A245

# 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.



00682F



6245A2



615800

# Square

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



6245A2



A02E22



2E6300



006A8D

# Rectangle

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



6245A2



A41B5E



2E6300



006A50



# Sweetspot

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



6245A2



BBB0D4



4586A2



5C566B



EBEBEB



6B6B6B



# Same Dimension

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



6245A2



6F42D4



8F45A2



4C4952



2D0091



060012



# Inverse Universe

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



A24585



D442A6



58A245



52494F



910064

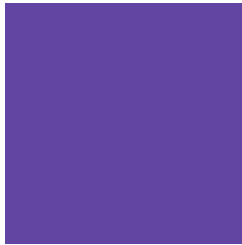


12000C



# Previews

## White Background



This preview shows how the Hex color 6245A2 looks on a white background.

## Color Contrast Check

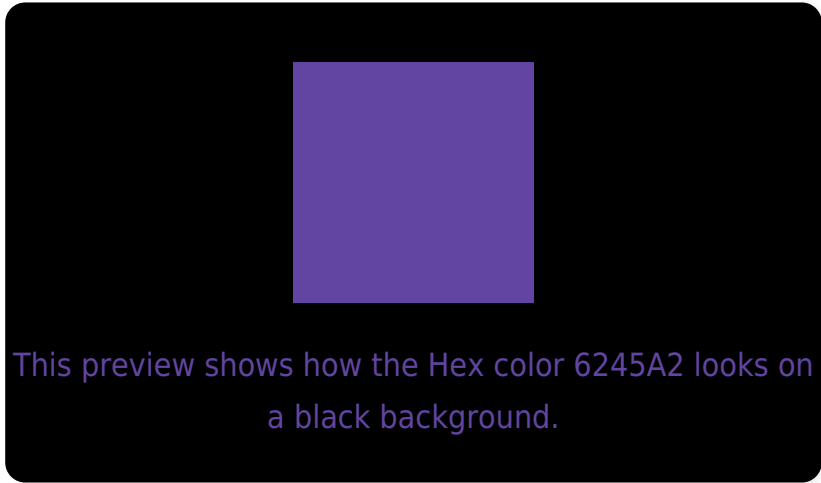
Large Text (above 18pt) WCAG AA ✓ Pass

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

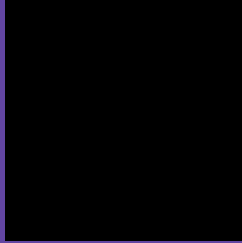
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6245A2 Background



This preview shows how black text looks on a background with the Hex color 6245A2.

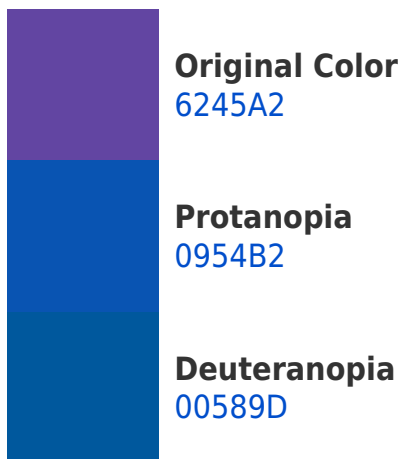


This preview shows how white text looks on a background with the Hex color 6245A2.

# 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**  
53575E

# Trichromacy



**Original Color**  
6245A2



**Protanomaly**  
294FAC



**Deuteranomaly**  
24519F



**Tritanomaly**  
585077

# Monochromacy



**Original Color**  
6245A2



**Achromatopsia**  
585858



**Achromatomaly**  
5C5173

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6245A2 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 #6245A2 looks like.

```
.text, #text, p{  
    color:#6245A2  
}
```

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 #6245A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6245A2
}
```

## Border

The CSS property to change the border of an element to Hex 6245A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

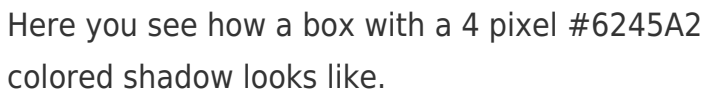
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6245A2 }
```

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

```
.border{ border-color:#6245A2 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #6245A2 colored shadow looks like."

Here you see how a box with a 4 pixel #6245A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6245A2; -webkit-box-shadow:4px 4px  
4px 4px #6245A2; box-shadow:4px 4px 4px  
4px #6245A2 }
```

# Background

The CSS property to change the background color of an element to Hex 6245A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6245A2 }
```

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

```
.background{ background-color:#6245A2 }
```

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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