

# Converting Colors

Hex(6455A2)

Have a look what the booklet for  
Hex(6455A2) contains.

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# Color

Hex(6455A2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6455A2
RGB	100, 85, 162
RGB Percent	39%, 33%, 64%
CMY	0.6078, 0.6667, 0.3647
CMYK	0.38, 0.48, 0.00, 0.36
HSL	252°, 31%, 48%
HSV	252°, 48%, 64%
XYZ	15.0256, 11.8150, 35.6710
YIQ	98.2630, -15.7770, 27.1270

# Conversions

## Conversions Part 2

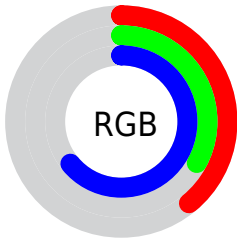
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 85, 162
Decimal	6575522
CIE <sub>Lab</sub>	40.92, 25.01, -39.73
CIE <sub>LCh</sub>	41, 46.950, 302.185
Yxy	11.8150, 0.2404, 0.1890
Android (android.graphics.Color)	4284765602 (0xFF6455A2)
YUV	98.2630, 31.4223, 1.5233
Hunter-Lab	34.3729, 17.8761, -37.4681

# Details

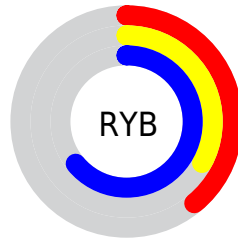
The Hex color **6455A2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **93A255**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9A87D9**, and **30276E** is the 20% darker color. If you saturate the color by 10%, you get **5745A2**, and if you desaturate by 10%, it is **7165A2**.

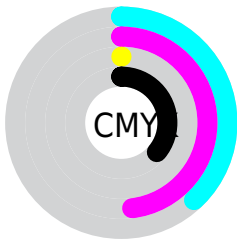
# Distribution



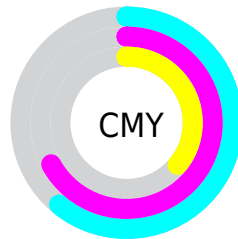
- Red (39%)
- Green (33%)
- Blue (64%)



- Red (39%)
- Yellow (33%)
- Blue (64%)



- Cyan (38%)
- Magenta (48%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (67%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6455A2 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 6455A2 by changing the saturation by 10% instead.



■ 6455A2

■ 6455A2

FFFFFF

■ 4A3E87

■ 9A87D9

■ 30276E

■ B5A1F6

■ 131355

■ D2BCFF

■ 00003D

■ EED8FF

■ 000327

■ FFF5FF

■ 000110

■ 000000

■ 6455A2

■ 6455A2

■ 5745A2

■ 7165A2

4A35A2

7E75A2

3D24A2

8B86A2

3014A2

9896A2

2304A2

A5A6A2

2000A2

B2B6A2

BFC6A2

CCD7A2

D9E7A2

# Harmonies

## Analogous

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



0064AE



6455A2



914485

# Triad

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



6455A2



8F511A



007262

# Complementary

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



6455A2



93A255

# 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.



00703B



6455A2



716004

# Square

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



6455A2



A2413A



4A6A18



007289

# Rectangle

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



6455A2



A03C6C



4A6A18



007255



# Sweetspot

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



6455A2



BCB6D4



5594A2



5C596B



EBEBEB



6B6B6B



# Same Dimension

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



6455A2



735BD4



8A55A2



4B4952



1C0091



030012



# Inverse Universe

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



A25593



D45BBC



6DA255



524950



910075



12000E



# Previews

## White Background



This preview shows how the Hex color 6455A2 looks on a white background.

## Color Contrast Check

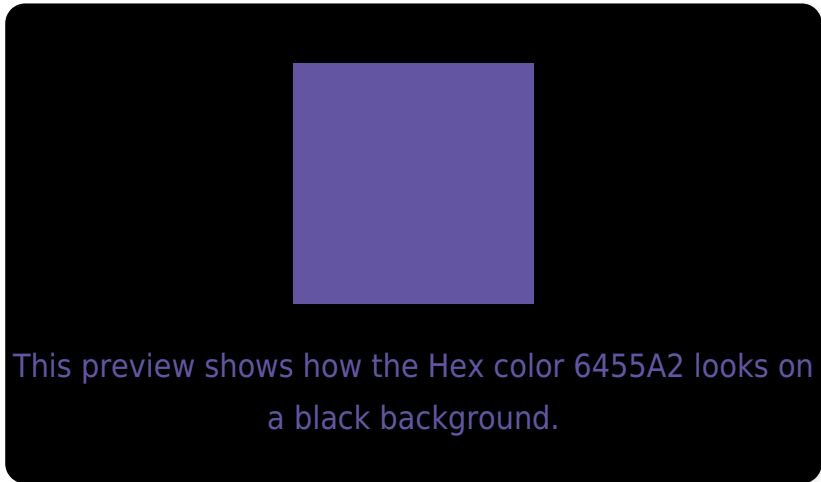
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 6455A2 Background



This preview shows how black text looks on a background with the Hex color 6455A2.

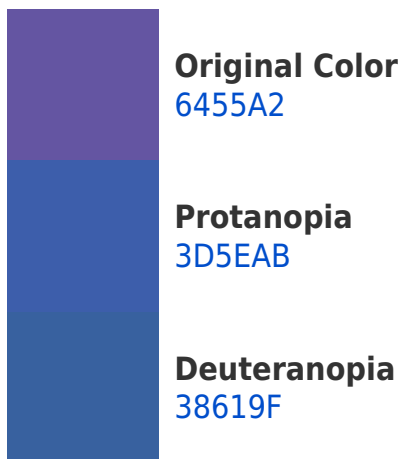


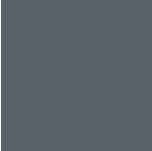
This preview shows how white text looks on a background with the Hex color 6455A2.

# 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](#).

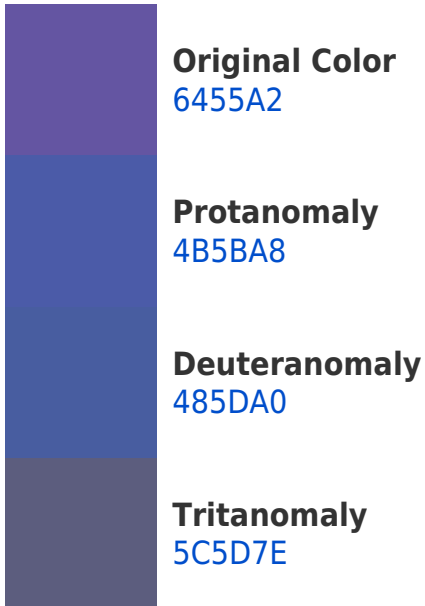
## Dichromacy



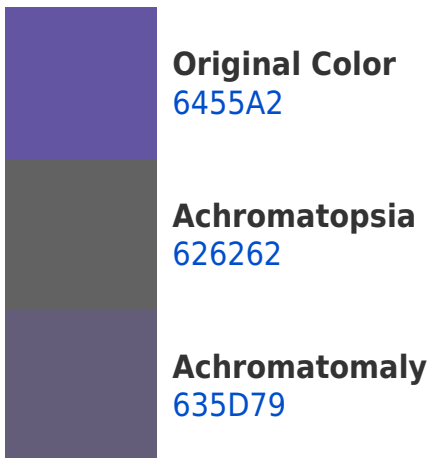


**Tritanopia**  
57626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6455A2 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 #6455A2 looks like.

```
.text, #text, p{  
    color:#6455A2  
}
```

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 #6455A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6455A2
}
```

## Border

The CSS property to change the border of an element to Hex 6455A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

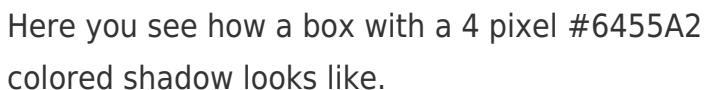
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6455A2 }
```

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

```
.border{ border-color:#6455A2 }
```

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 #6455A2 colored shadow looks like."

Here you see how a box with a 4 pixel #6455A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6455A2; -webkit-box-shadow:4px 4px  
4px 4px #6455A2; box-shadow:4px 4px 4px  
4px #6455A2 }
```

# Background

The CSS property to change the background color of an element to Hex 6455A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6455A2 }
```

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

```
.background{ background-color:#6455A2 }
```

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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