

# Converting Colors

Hex(624FAA)

Have a look what the booklet for  
Hex(624FAA) contains.

<b>Hex(624FAA)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(624FAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624FAA
RGB	98, 79, 170
RGB Percent	38%, 31%, 67%
CMY	0.6157, 0.6902, 0.3333
CMYK	0.42, 0.54, 0.00, 0.33
HSL	253°, 37%, 49%
HSV	253°, 54%, 67%
XYZ	15.0887, 11.0909, 39.3757
YIQ	95.0550, -17.8870, 32.3290

# Conversions

## Conversions Part 2

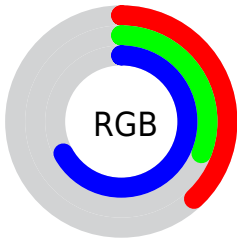
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 79, 170
Decimal	6442922
CIE <sub>Lab</sub>	39.73, 30.50, -46.40
CIE <sub>LCh</sub>	40, 55.528, 303.322
Yxy	11.0909, 0.2302, 0.1692
Android (android.graphics.Color)	4284633002 (0xFF624FAA)
YUV	95.0550, 36.9479, 2.5828
Hunter-Lab	33.3030, 22.5931, -46.7892

# Details

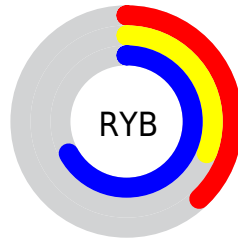
The Hex color **624FAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **97AA4F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9981E2**, and **2B2275** is the 20% darker color. If you saturate the color by 10%, you get **553EAA**, and if you desaturate by 10%, it is **6F60AA**.

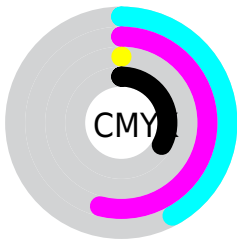
# Distribution



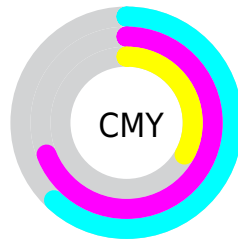
- Red (38%)
- Green (31%)
- Blue (67%)



- Red (38%)
- Yellow (31%)
- Blue (67%)



- Cyan (42%)
- Magenta (54%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (69%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 624FAA 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 624FAA by changing the saturation by 10% instead.



624FAA

624FAA

FFFFFF

47388F

9981E2

2B2275

B59BFF

070D5C

D1B6FF

000044

EED2FF

00032C

FFEEFF

000117

000000

624FAA

624FAA

553EAA

6F60AA

472DAA

7D71AA

3A1CAA

8A82AA

2C0BAA

9893AA

2300AA

A5A4AA

B3B5AA

C0C6AA

CED7AA

DBE8AA

# Harmonies

## Analogous

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



0062B9



624FAA



973787

# Triad

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



624FAA



914B00



007262

# Complementary

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



624FAA



97AA4F

# 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.



006F32



624FAA



6D5D00

# Square

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



624FAA



A8352F



3E6900



00718E

# Rectangle

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



624FAA



A82B6A



3E6900



007152



# Sweetspot

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



624FAA



C2BADE



4F98AA



5F5B70



F0F0F0



707070



# Same Dimension

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



624FAA



6E50DE



8F4FAA



4D4C54



1F0094



040014



# Inverse Universe

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



AA4F97



DE50C0



6AAA4F



544C52



940075



140010



# Previews

## White Background



This preview shows how the Hex color 624FAA 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

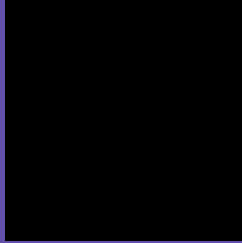
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 624FAA Background



This preview shows how black text looks on a background with the Hex color 624FAA.

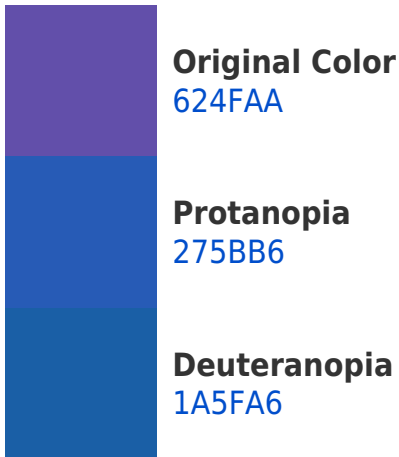


This preview shows how white text looks on a background with the Hex color 624FAA.

# 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**  
526067

# Trichromacy



**Original Color**  
624FAA

**Protanomaly**  
3C57B2

**Deuteranomaly**  
3459A7

**Tritanomaly**  
585A7F

# Monochromacy



**Original Color**  
624FAA

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
60597A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 624FAA 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 #624FAA looks like.

```
.text, #text, p{  
    color:#624FAA  
}
```

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 #624FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624FAA
}
```

## Border

The CSS property to change the border of an element to Hex 624FAA 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
#624FAA }
```

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

```
.border{ border-color:#624FAA }
```

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

Here you see how a box with a 4 pixel #624FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624FAA; -webkit-box-shadow:4px 4px  
4px 4px #624FAA; box-shadow:4px 4px 4px  
4px #624FAA }
```

# Background

The CSS property to change the background color of an element to Hex 624FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624FAA }
```

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

```
.background{ background-color:#624FAA }
```

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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