

# Converting Colors

Hex(614FA2)

Have a look what the booklet for  
Hex(614FA2) contains.

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# Color

**Hex(614FA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	614FA2
RGB	97, 79, 162
RGB Percent	38%, 31%, 64%
CMY	0.6196, 0.6902, 0.3647
CMYK	0.40, 0.51, 0.00, 0.36
HSL	253°, 34%, 47%
HSV	253°, 51%, 64%
XYZ	14.2473, 10.7420, 35.5049
YIQ	93.8440, -15.9150, 29.6290

# Conversions

## Conversions Part 2

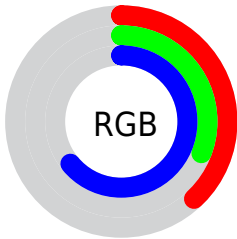
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	97, 79, 162
Decimal	6377378
CIE Lab	39.14, 27.92, -42.59
CIE LCh	39, 50.923, 303.250
Yxy	10.7420, 0.2355, 0.1776
Android (android.graphics.Color)	4284567458 (0xFF614FA2)
YUV	93.8440, 33.6009, 2.7678
Hunter-Lab	32.7750, 20.2381, -41.2860

# Details

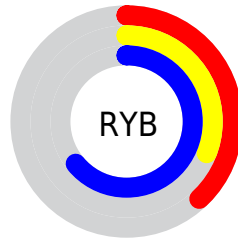
The Hex color **614FA2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **90A24F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9781D9**, and **2C226E** is the 20% darker color. If you saturate the color by 10%, you get **543FA2**, and if you desaturate by 10%, it is **6E5FA2**.

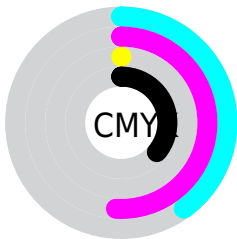
# Distribution



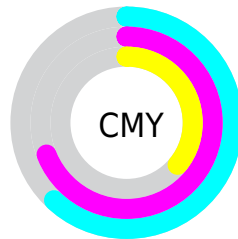
- Red (38%)
- Green (31%)
- Blue (64%)



- Red (38%)
- Yellow (31%)
- Blue (64%)



- Cyan (40%)
- Magenta (51%)
- Yellow (0%)
- Black (36%)



- Cyan (62%)
- Magenta (69%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 614FA2 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 614FA2 by changing the saturation by 10% instead.



614FA2

614FA2

FFFFFF

473887

9781D9

2C226E

B39BF6

0C0D55

CFB6FF

00003D

ECD1FF

000326

FFEEFF

00010F

000000

614FA2

614FA2

543FA2

6E5FA2

482FA2

7A6FA2

3B1EA2

8780A2

2E0EA2

9490A2

2300A2

A0A0A2

ADB0A2

BAC0A2

C6D1A2

D3E1A2

# Harmonies

## Analogous

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



0060AF



614FA2



913B82

# Triad

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



614FA2



8C4C0A



006F60

# Complementary

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



614FA2



90A24F

# 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.



006C35



614FA2



6B5C00

# Square

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



614FA2



A13931



416709



006E89

# Rectangle

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



614FA2



A13167



416709



006E51



# Sweetspot

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



614FA2



BBB4D4



4F90A2



5C586B



EBEBEB



6B6B6B



# Same Dimension

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



614FA2



6F53D4



8A4FA2



4B4952



200091



040012



# Inverse Universe

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



A24F90



D453B8



67A24F



524950



910072



12000E



# Previews

## White Background



This preview shows how the Hex color 614FA2 looks on a white background.

## Color Contrast Check

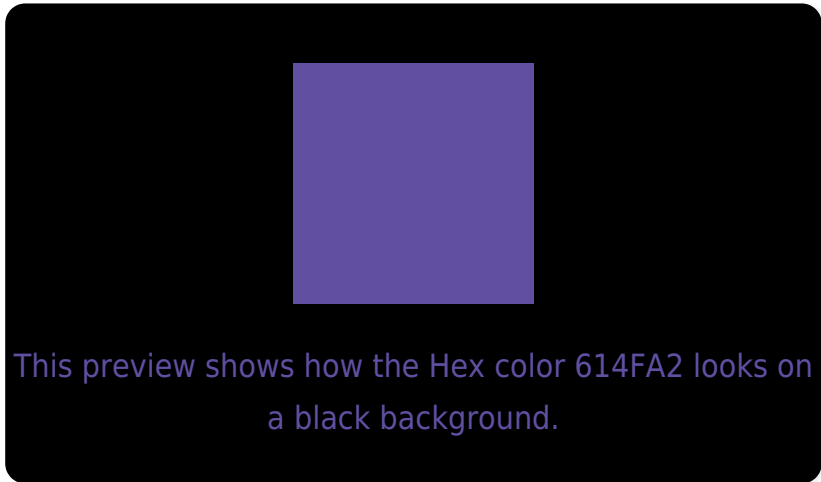
Large Text (above 18pt) WCAG AA ✓ Pass

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 614FA2 Background



This preview shows how black text looks on a background with the Hex color 614FA2.

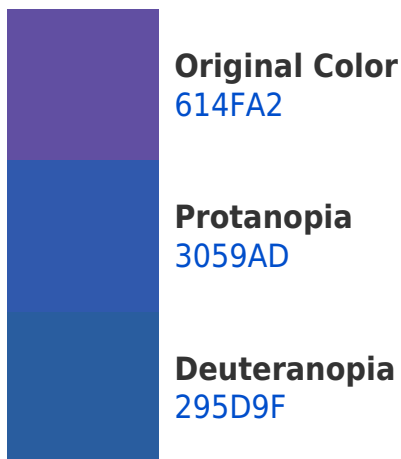



This preview shows how white text looks on a background with the Hex color 614FA2.

# 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**  
535E65

# Trichromacy



**Original Color**  
614FA2

**Protanomaly**  
4255A9

**Deuteranomaly**  
3D58A0

**Tritanomaly**  
58597B

# Monochromacy



**Original Color**  
614FA2

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5F5977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 614FA2 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 #614FA2 looks like.

```
.text, #text, p{  
    color:#614FA2  
}
```

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 #614FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614FA2
}
```

## Border

The CSS property to change the border of an element to Hex 614FA2 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
#614FA2 }
```

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

```
.border{ border-color:#614FA2 }
```

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

Here you see how a box with a 4 pixel #614FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614FA2; -webkit-box-shadow:4px 4px  
4px 4px #614FA2; box-shadow:4px 4px 4px  
4px #614FA2 }
```

# Background

The CSS property to change the background color of an element to Hex 614FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614FA2 }
```

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

```
.background{ background-color:#614FA2 }
```

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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