

Converting Colors

Hex(613FA2)

Have a look what the booklet for
Hex(613FA2) contains.

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Color

Hex(613FA2)

Conversions

Conversions Part 1

Format	Color
Hex	613FA2
RGB	97, 63, 162
RGB Percent	38%, 25%, 64%
CMY	0.6196, 0.7529, 0.3647
CMYK	0.40, 0.61, 0.00, 0.36
HSL	261°, 44%, 44%
HSV	261°, 61%, 64%
XYZ	13.2289, 8.7050, 35.1654
YIQ	84.4520, -11.5150, 37.9970

Conversions

Conversions Part 2

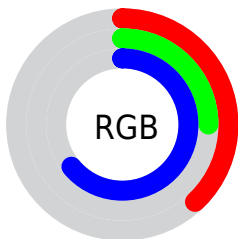
Format	Color
R_{YB}	97, 63, 162
Decimal	6373282
CIE _{Lab}	35.41, 37.52, -48.58
CIE _{LCh}	35, 61.385, 307.682
Yxy	8.7050, 0.2317, 0.1525
Android (android.graphics.Color)	4284563362 (0xFF613FA2)
YUV	84.4520, 38.2312, 11.0046
Hunter-Lab	29.5043, 28.4016, -50.0132

Details

The Hex color **613FA2** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **80A23F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9870DA**, and **2A106D** is the 20% darker color. If you saturate the color by 10%, you get **562FA2**, and if you desaturate by 10%, it is **6C4FA2**.

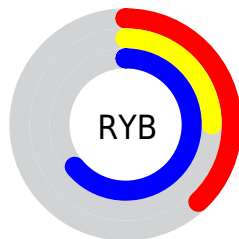
Distribution



Red (38%)

Green (25%)

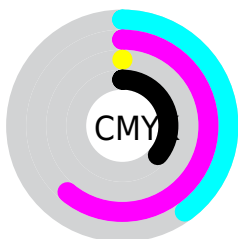
Blue (64%)



Red (38%)

Yellow (25%)

Blue (64%)

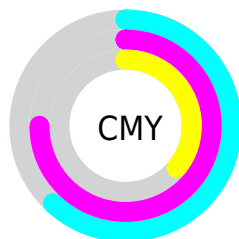


Cyan (40%)

Magenta (61%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (75%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613FA2 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 613FA2 by changing the saturation by 10% instead.

613FA2

613FA2

FFFFFF

462887

9870DA

2A106D

B48AF6

080054

D0A5FF

00003D

EDC0FF

000226

FFDCFF

00010E

FFF9FF

000000

613FA2

613FA2

562FA2

6C4FA2

■ 4C1FA2

■ 765FA2

■ 410EA2

■ 8170A2

■ 3800A2

■ 8C80A2

■ 9690A2

■ A1A0A2

■ ABB0A2

■ B6C1A2

■ C1D1A2

Harmonies

Analogous

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



0056B6



613FA2



951D7A

Triad

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



613FA2



834200



00685F

Complementary

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



613FA2



80A23F

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.



00662B



613FA2



5B5500

Square

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



613FA2



9E2519



216000



00678F

Rectangle

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



613FA2



A40259



216000



00674E

Sweetspot

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



613FA2



BBAED4



3F81A2



5C546B



EBEBEB



6B6B6B

Same Dimension

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



613FA2



6E39D4



923FA2



4C4952



320091



060012

Inverse Universe

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



A23F80



D4399F



4FA23F



52494F



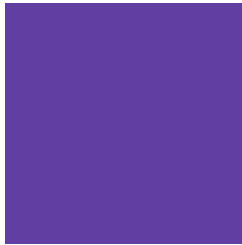
91005F



12000C

Previews

White Background



This preview shows how the Hex color 613FA2 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

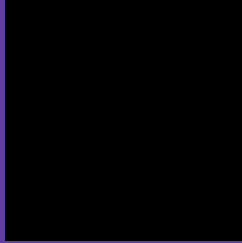
Any Text WCAG AA × Fail

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 613FA2 Background



This preview shows how black text looks on a background with the Hex color 613FA2.

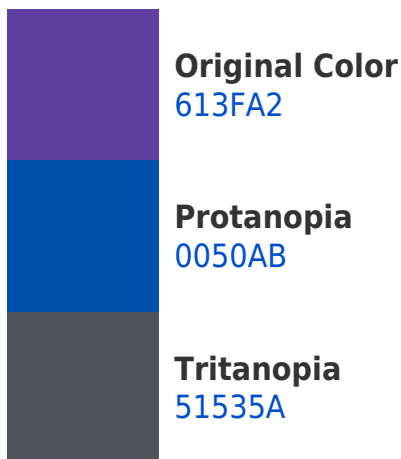


This preview shows how white text looks on a background with the Hex color 613FA2.

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



Trichromacy



Original Color
613FA2



Protanomaly
234AA8

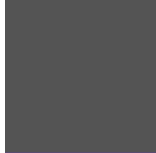


Tritanomaly
574C74

Monochromacy



Original Color
613FA2



Achromatopsia
545454



Achromatomaly
594C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 613FA2 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 #613FA2 looks like.

```
.text, #text, p{  
    color:#613FA2  
}
```

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 #613FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613FA2
}
```

Border

The CSS property to change the border of an element to Hex 613FA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

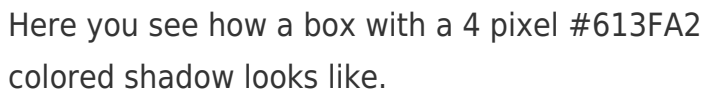
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613FA2 }
```

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

```
.border{ border-color:#613FA2 }
```

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



Here you see how a box with a 4 pixel #613FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613FA2; -webkit-box-shadow:4px 4px  
4px 4px #613FA2; box-shadow:4px 4px 4px  
4px #613FA2 }
```

Background

The CSS property to change the background color of an element to Hex 613FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613FA2 }
```

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

```
.background{ background-color:#613FA2 }
```

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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