

Converting Colors

Hex(614CA8)

Have a look what the booklet for
Hex(614CA8) contains.

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Color

Hex(614CA8)

Conversions

Conversions Part 1

Format	Color
Hex	614CA8
RGB	97, 76, 168
RGB Percent	38%, 30%, 66%
CMY	0.6196, 0.7020, 0.3412
CMYK	0.42, 0.55, 0.00, 0.34
HSL	254°, 38%, 48%
HSV	254°, 55%, 66%
XYZ	14.5821, 10.5374, 38.3112
YIQ	92.7670, -17.0160, 33.0640

Conversions

Conversions Part 2

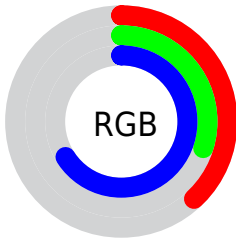
Format	Color
R_{YB}	97, 76, 168
Decimal	6376616
CIE _{Lab}	38.79, 31.50, -46.73
CIE _{LCh}	39, 56.357, 303.987
Yxy	10.5374, 0.2299, 0.1661
Android (android.graphics.Color)	4284566696 (0xFF614CA8)
YUV	92.7670, 37.0899, 3.7123
Hunter-Lab	32.4614, 23.3771, -47.2515

Details

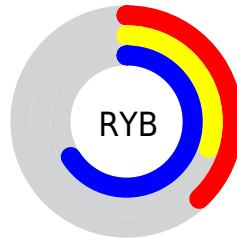
The Hex color **614CA8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **93A84C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **987EE0**, and **2A1F73** is the 20% darker color. If you saturate the color by 10%, you get **543BA8**, and if you desaturate by 10%, it is **6E5DA8**.

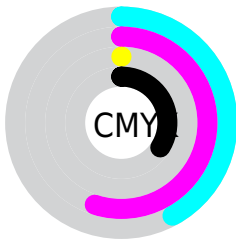
Distribution



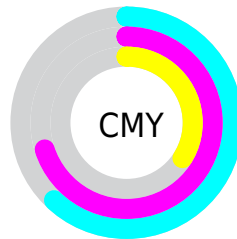
- Red (38%)
- Green (30%)
- Blue (66%)



- Red (38%)
- Yellow (30%)
- Blue (66%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 614CA8 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 614CA8 by changing the saturation by 10% instead.

614CA8

614CA8

FFFFFF

46358D

987EE0

2A1F73

B498FD

05095A

D0B3FF

000042

EDCEFF

00032B

FFEAFF

000115

000000

614CA8

614CA8

543BA8

6E5DA8

472AA8

7B6EA8

3A1AA8

887EA8

2D09A8

958FA8

2600A8

A2A0A8

AFB1A8

BCC2A8

C9D2A8

D6E3A8

Harmonies

Analogous

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



005FB8



614CA8



963384

Triad

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



614CA8



8E4900



006F60

Complementary

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



614CA8



93A84C

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.



006D30



614CA8



6A5B00

Square

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



614CA8



A6322B



3A6700



006F8E

Rectangle

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



614CA8



A72667



3A6700



006F50

Sweetspot

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



614CA8



C0B8DB



4C94A8



5E596E



EDEDED



6E6E6E

Same Dimension

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



614CA8



6C4BDB



8E4CA8



4E4C54



220094



050014

Inverse Universe

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



A84C93



DB4BBA



66A84C



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color 614CA8 looks on a white background.

Color Contrast Check

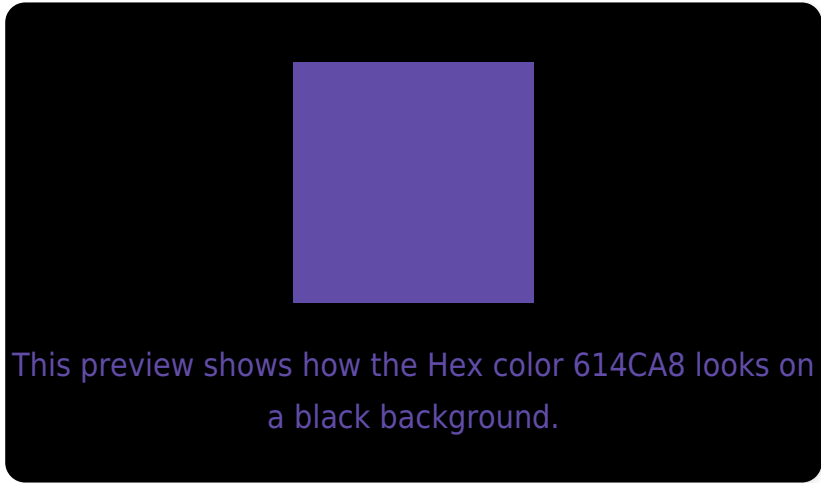
Large Text (above 18pt) WCAG AA ✓ Pass

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 614CA8 Background



This preview shows how black text looks on a background with the Hex color 614CA8.



This preview shows how white text looks on a background with the Hex color 614CA8.

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](#).

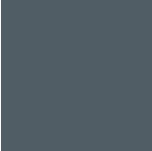
Dichromacy



Original Color
614CA8

Protanopia
2058B5

Deuteranopia
0F5DA4



Tritanopia
515D65

Trichromacy



Original Color
614CA8



Protanomaly
3854B0



Deuteranomaly
2D57A5



Tritanomaly
57577D

Monochromacy



Original Color
614CA8



Achromatopsia
5D5D5D



Achromatomaly
5E5778

CSS Examples

Text

The CSS property to change the color of the text to Hex 614CA8 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 #614CA8 looks like.

```
.text, #text, p{  
    color:#614CA8  
}
```

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 #614CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #614CA8  
}
```

Border

The CSS property to change the border of an element to Hex 614CA8 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  
#614CA8 }
```

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

```
.border{ border-color:#614CA8 }
```

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

Here you see how a box with a 4 pixel #614CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #614CA8; -webkit-box-shadow:4px 4px  
4px 4px #614CA8; box-shadow:4px 4px 4px  
4px #614CA8 }
```

Background

The CSS property to change the background color of an element to Hex 614CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#614CA8 }
```

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

```
.background{ background-color:#614CA8 }
```

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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