

Converting Colors

Hex(6118B2)

Have a look what the booklet for
Hex(6118B2) contains.

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Color

Hex(6118B2)

Conversions

Conversions Part 1

Format	Color
Hex	6118B2
RGB	97, 24, 178
RGB Percent	38%, 9%, 70%
CMY	0.6196, 0.9059, 0.3020
CMYK	0.46, 0.87, 0.00, 0.30
HSL	268°, 76%, 40%
HSV	268°, 87%, 70%
XYZ	13.2923, 6.4090, 42.6560
YIQ	63.3830, -5.9260, 63.3700

Conversions

Conversions Part 2

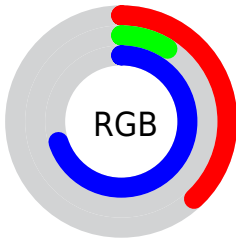
Format	Color
R_{YB}	97, 24, 178
Decimal	6363314
CIE _{Lab}	30.42, 59.44, -66.30
CIE _{LCh}	30, 89.046, 311.874
Yxy	6.4090, 0.2132, 0.1028
Android (android.graphics.Color)	4284553394 (0xFF6118B2)
YUV	63.3830, 56.5062, 29.4821
Hunter-Lab	25.3160, 49.4191, -82.1789

Details

The Hex color **6118B2** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **69B218**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9B50EB**, and **21007C** is the 20% darker color. If you saturate the color by 10%, you get **5806B2**, and if you desaturate by 10%, it is **6A2AB2**.

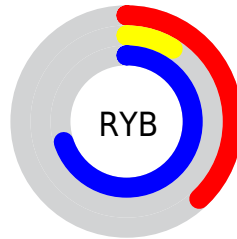
Distribution



Red (38%)

Green (9%)

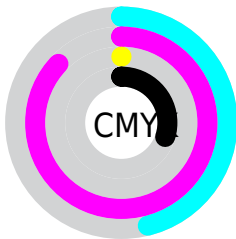
Blue (70%)



Red (38%)

Yellow (9%)

Blue (70%)

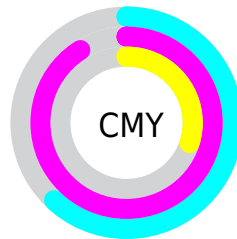


Cyan (46%)

Magenta (87%)

Yellow (0%)

Black (30%)



Cyan (62%)

Magenta (91%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6118B2 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 6118B2 by changing the saturation by 10% instead.

6118B2

6118B2

FFFFFF

430097

9B50EB

21007C

B86BFF

000062

D686FF

000049

F4A1FF

000431

FFBDFE

00011C

FFDAFF

000000

FFF7FF

6118B2

6118B2

■ 5806B2

■ 6A2AB2

■ 5400B2

■ 743CB2

■ 7D4DB2

■ 865FB2

■ 9071B2

■ 9983B2

■ A395B2

■ ACA6B2

■ B5B8B2

Harmonies

Analogous

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



004BD5



6118B2



A70075

Triad

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



6118B2



793300



005F63

Complementary

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



6118B2



69B218

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.



005D16



6118B2



3F4E00

Square

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



6118B2



A30000



005900



0060A5

Rectangle

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



6118B2



B60047



005900



005F4B

Sweetspot

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



6118B2



C8ACE8



186AB2



625175



F5F5F5



757575

Same Dimension

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



6118B2



6E00E8



AD18B2



555059



490099



0C001A

Inverse Universe

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



B21869



E8007A



1DB218



595055



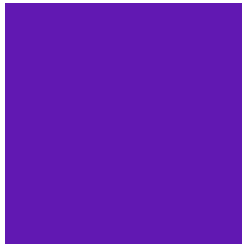
990050



1A000D

Previews

White Background



This preview shows how the Hex color 6118B2 looks on a white background.

Color Contrast Check

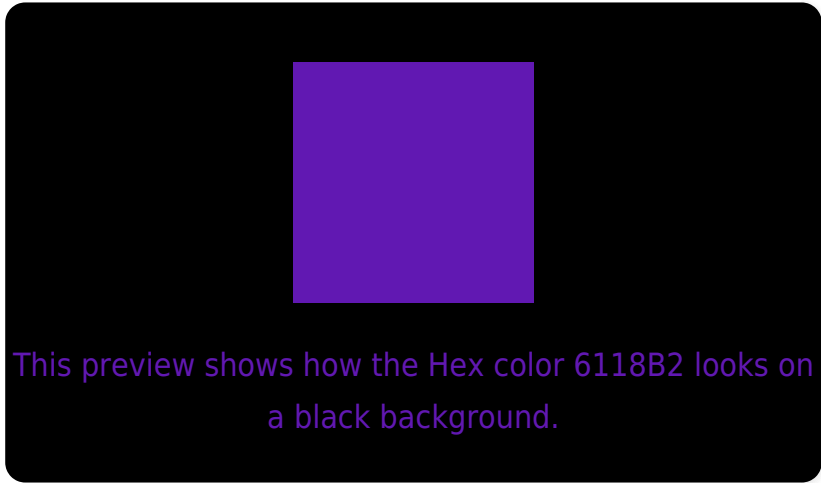
Large Text (above 18pt) WCAG AA ✓ Pass

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

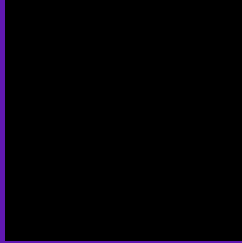
Any Text WCAG AA × Fail

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 6118B2 Background



This preview shows how black text looks on a background with the Hex color 6118B2.



This preview shows how white text looks on a background with the Hex color 6118B2.

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
6118B2

Protanopia
004694

Deuteranopia
004B7F



Tritanopia
48484E

Trichromacy



Original Color
6118B2



Protanomaly
23359F



Deuteranomaly
233892



Tritanomaly
513772

Monochromacy



Original Color
6118B2



Achromatopsia
3F3F3F



Achromatomaly
4B3169

CSS Examples

Text

The CSS property to change the color of the text to Hex 6118B2 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 #6118B2 looks like.

```
.text, #text, p{  
    color:#6118B2  
}
```

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 #6118B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6118B2
}
```

Border

The CSS property to change the border of an element to Hex 6118B2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

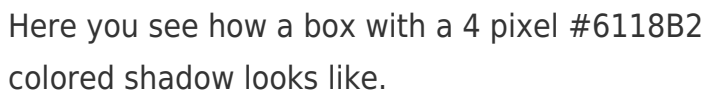
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6118B2 }
```

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

```
.border{ border-color:#6118B2 }
```

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



Here you see how a box with a 4 pixel #6118B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6118B2; -webkit-box-shadow:4px 4px  
4px 4px #6118B2; box-shadow:4px 4px 4px  
4px #6118B2 }
```

Background

The CSS property to change the background color of an element to Hex 6118B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6118B2 }
```

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

```
.background{ background-color:#6118B2 }
```

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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