

Converting Colors

Hex(6113B9)

Have a look what the booklet for
Hex(6113B9) contains.

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Color

Hex(6113B9)

Conversions

Conversions Part 1

Format	Color
Hex	6113B9
RGB	97, 19, 185
RGB Percent	38%, 7%, 73%
CMY	0.6196, 0.9255, 0.2745
CMYK	0.48, 0.90, 0.00, 0.27
HSL	268°, 81%, 40%
HSV	268°, 90%, 73%
XYZ	13.9196, 6.5099, 46.4218
YIQ	61.2460, -6.7980, 68.1620

Conversions

Conversions Part 2

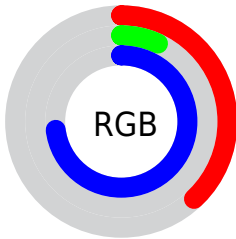
Format	Color
R_{YB}	97, 19, 185
Decimal	6362041
CIE _{Lab}	30.66, 62.41, -70.07
CIE _{LCh}	31, 93.838, 311.691
Yxy	6.5099, 0.2082, 0.0974
Android (android.graphics.Color)	4284552121 (0xFF6113B9)
YUV	61.2460, 61.0107, 31.3563
Hunter-Lab	25.5145, 52.7312, -90.0137

Details

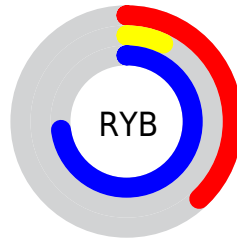
The Hex color **6113B9** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6BB913**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9C4EF2**, and **1E0082** is the 20% darker color. If you saturate the color by 10%, you get **5700B9**, and if you desaturate by 10%, it is **6B25B9**.

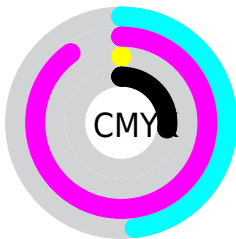
Distribution



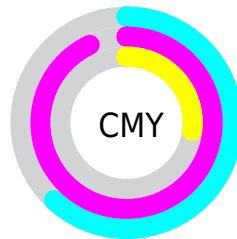
- Red (38%)
- Green (7%)
- Blue (73%)



- Red (38%)
- Yellow (7%)
- Blue (73%)



- Cyan (48%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6113B9 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 6113B9 by changing the saturation by 10% instead.

6113B9

6113B9

FFFFFF

42009D

9C4EF2

1E0082

BA69FF

000068

D884FF

00004F

F6A0FF

000537

FFBCFF

000221

FFD8FF

000005

FFF6FF

000000

6113B9

6113B9

■ 5700B9

■ 6B25B9

■ 7538B9

■ 7E4AB9

■ 885DB9

■ 926FB9

■ 9C82B9

■ A694B9

■ AFA7B9

■ B9BAB9

Harmonies

Analogous

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



004CDE



6113B9



AC0078

Triad

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



6113B9



7C3200



006065

Complementary

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



6113B9



6BB913

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.



005E13



6113B9



3E4F00

Square

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



6113B9



A80000



005A00



0062AB

Rectangle

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



6113B9



BC0048



005A00



00604B

Sweetspot

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



6113B9



CDAFF0



136CB9



645178



F7F7F7



787878

Same Dimension

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



6113B9



7100F0



B313B9



57535C



49009C



0D001C

Inverse Universe

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



B9136B



F0007F



19B913



5C5357



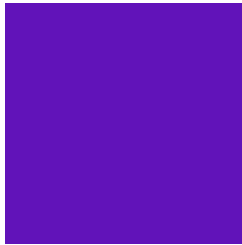
9C0052



1C000F

Previews

White Background



This preview shows how the Hex color 6113B9 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

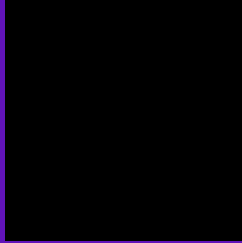
Any Text WCAG AA × Fail

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 6113B9 Background



This preview shows how black text looks on a background with the Hex color 6113B9.

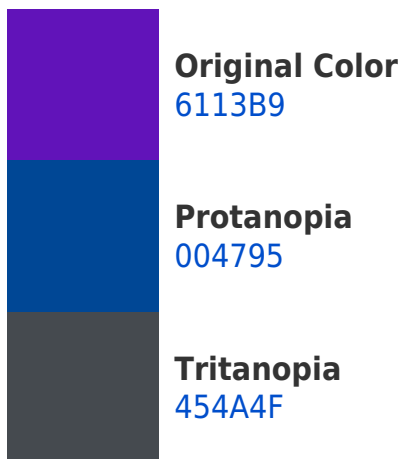


This preview shows how white text looks on a background with the Hex color 6113B9.

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
6113B9

Protanomaly
2334A2

Tritanomaly
4F3676

Monochromacy



Original Color
6113B9

Achromatopsia
3D3D3D

Achromatomaly
4A2E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6113B9 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 #6113B9 looks like.

```
.text, #text, p{  
    color:#6113B9  
}
```

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 #6113B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6113B9
}
```

Border

The CSS property to change the border of an element to Hex 6113B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

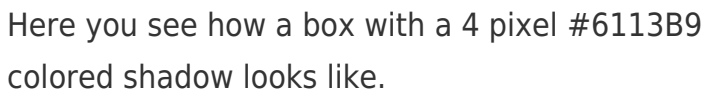
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6113B9 }
```

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

```
.border{ border-color:#6113B9 }
```

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



Here you see how a box with a 4 pixel #6113B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6113B9; -webkit-box-shadow:4px 4px  
4px 4px #6113B9; box-shadow:4px 4px 4px  
4px #6113B9 }
```

Background

The CSS property to change the background color of an element to Hex 6113B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6113B9 }
```

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

```
.background{ background-color:#6113B9 }
```

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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