

Converting Colors

Hex(6A13A1)

Have a look what the booklet for
Hex(6A13A1) contains.

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Color

Hex(6A13A1)

Conversions

Conversions Part 1

Format	Color
Hex	6A13A1
RGB	106, 19, 161
RGB Percent	42%, 7%, 63%
CMY	0.5843, 0.9255, 0.3686
CMYK	0.34, 0.88, 0.00, 0.37
HSL	277°, 79%, 35%
HSV	277°, 88%, 63%
XYZ	12.6098, 6.1031, 34.2316
YIQ	61.2010, 6.2700, 62.6060

Conversions

Conversions Part 2

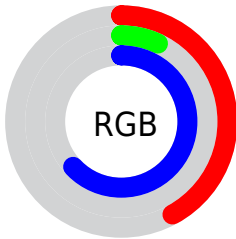
Format	Color
R_{YB}	106, 19, 161
Decimal	6951841
CIE _{Lab}	29.67, 58.15, -57.25
CIE _{LCh}	30, 81.605, 315.448
Yxy	6.1031, 0.2382, 0.1153
Android (android.graphics.Color)	4285141921 (0xFF6A13A1)
YUV	61.2010, 49.2009, 39.2887
Hunter-Lab	24.7045, 47.8777, -64.8616

Details

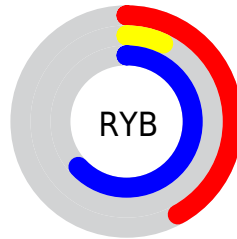
The Hex color **6A13A1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4AA113**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A34ED9**, and **31006C** is the 20% darker color. If you saturate the color by 10%, you get **6403A1**, and if you desaturate by 10%, it is **7023A1**.

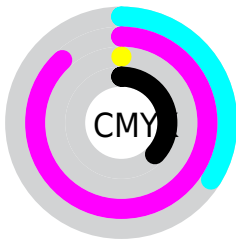
Distribution



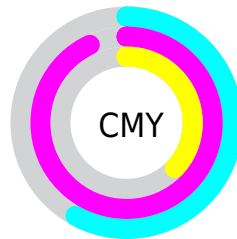
- Red (42%)
- Green (7%)
- Blue (63%)



- Red (42%)
- Yellow (7%)
- Blue (63%)



- Cyan (34%)
- Magenta (88%)
- Yellow (0%)
- Black (37%)



- Cyan (58%)
- Magenta (93%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A13A1 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 6A13A1 by changing the saturation by 10% instead.

6A13A1

6A13A1

FFFFFF

4E0086

A34ED9

31006C

BF69F6

170053

DD84FF

00003B

FA9FFF

000224

FFBBFF

00000C

FFD8FF

000000

FFF5FF

6A13A1

6A13A1

■ 6403A1

■ 7023A1

■ 6300A1

■ 7633A1

■ 7D43A1

■ 8353A1

■ 8963A1

■ 8F74A1

■ 9684A1

■ 9C94A1

■ A2A4A1

Harmonies

Analogous

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



0045C4



6A13A1



A10068

Triad

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



6A13A1



6F3700



005C66

Complementary

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



6A13A1



4AA113

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.



005B23



6A13A1



374D00

Square

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



6A13A1



970000



005700



005DA1

Rectangle

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



6A13A1



AC003E



005700



005C51

Sweetspot

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



6A13A1



BC9BD1



134CA1



5C4869



E8E8E8



696969

Same Dimension

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



6A13A1



8000D1



A11393



4E4952



590091



0B0012

Inverse Universe

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



A1134A



D10051



13A121



52494D



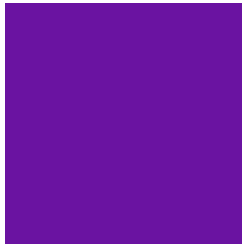
910038



120007

Previews

White Background



This preview shows how the Hex color 6A13A1 looks on a white background.

Color Contrast Check

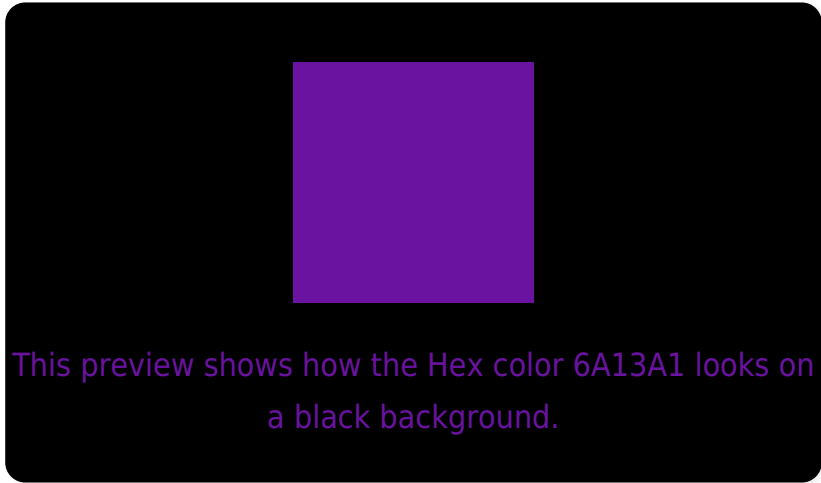
Large Text (above 18pt) WCAG AA ✓ Pass

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

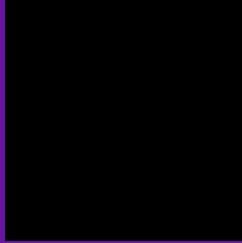
Any Text WCAG AA × Fail

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 6A13A1 Background



This preview shows how black text looks on a background with the Hex color 6A13A1.



This preview shows how white text looks on a background with the Hex color 6A13A1.

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
6A13A1

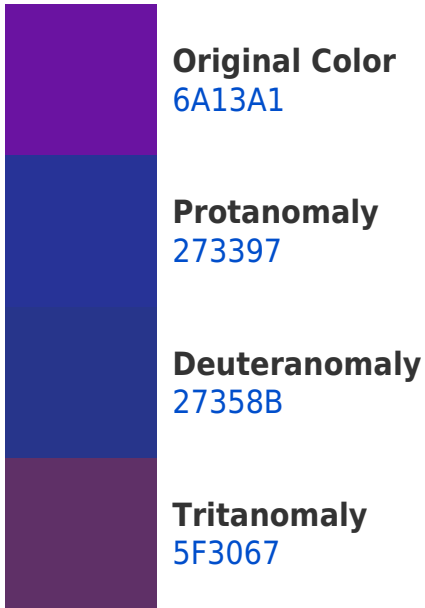
Protanopia
004591

Deuteranopia
00497E

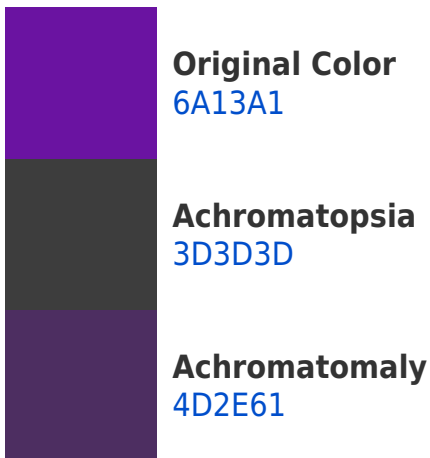


Tritanopia
594146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A13A1 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 #6A13A1 looks like.

```
.text, #text, p{  
  color:#6A13A1  
}
```

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 #6A13A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A13A1
}
```

Border

The CSS property to change the border of an element to Hex 6A13A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

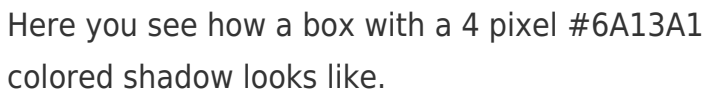
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A13A1 }
```

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

```
.border{ border-color:#6A13A1 }
```

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



Here you see how a box with a 4 pixel #6A13A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A13A1; -webkit-box-shadow:4px 4px  
4px 4px #6A13A1; box-shadow:4px 4px 4px  
4px #6A13A1 }
```

Background

The CSS property to change the background color of an element to Hex 6A13A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A13A1 }
```

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

```
.background{ background-color:#6A13A1 }
```

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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