

Converting Colors

Hex(6A1BE8)

Have a look what the booklet for
Hex(6A1BE8) contains.

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Color

Hex(6A1BE8)

Conversions

Conversions Part 1

Format	Color
Hex	6A1BE8
RGB	106, 27, 232
RGB Percent	42%, 11%, 91%
CMY	0.5843, 0.8941, 0.0902
CMYK	0.54, 0.88, 0.00, 0.09
HSL	263°, 82%, 51%
HSV	263°, 88%, 91%
XYZ	20.9013, 9.6742, 77.1096
YIQ	73.9910, -18.7210, 80.5030

Conversions

Conversions Part 2

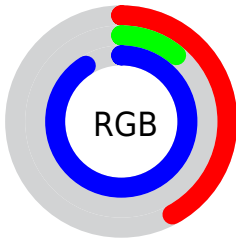
Format	Color
R _Y B	106, 27, 232
Decimal	6953960
CIE Lab	37.25, 72.27, -86.46
CIE LCh	37, 112.682, 309.890
Yxy	9.6742, 0.1941, 0.0898
Android (android.graphics.Color)	4285144040 (0xFF6A1BE8)
YUV	73.9910, 77.8984, 28.0719
Hunter-Lab	31.1034, 65.5197, -125.2156

Details

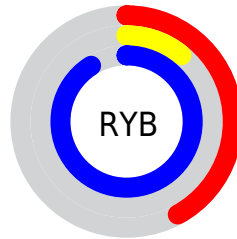
The Hex color **6A1BE8** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **99E81B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A957FF**, and **1800AF** is the 20% darker color. If you saturate the color by 10%, you get **5C04E8**, and if you desaturate by 10%, it is **7832E8**.

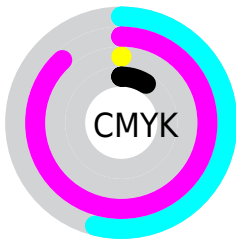
Distribution



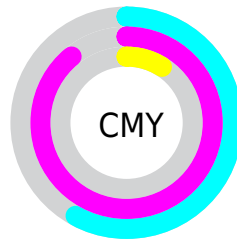
- Red (42%)
- Green (11%)
- Blue (91%)



- Red (42%)
- Yellow (11%)
- Blue (91%)



- Cyan (54%)
- Magenta (88%)
- Yellow (0%)
- Black (9%)



- Cyan (58%)
- Magenta (89%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1BE8 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 6A1BE8 by changing the saturation by 10% instead.

■ 6A1BE8

■ 6A1BE8

FFFFFF

■ 4700CB

■ A957FF

■ 1800AF

■ C873FF

■ 000093

■ E88FFF

■ 000078

■ FFABFF

■ 00015E

■ FFC8FF

■ 000845

■ FFE5FF

■ 00042E

■ 000118

■ 000000

■ 6A1BE8

■ 6A1BE8

■ 5C04E8

■ 7832E8

■ 5900E8

■ 8749E8

■ 9561E8

■ A378E8

■ B18FE8

■ C0A6E8

■ CEBDE8

■ DCD5E8

■ EAECE8

Harmonies

Analogous

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



005FFF



6A1BE8



D00099

Triad

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



6A1BE8



9B3800



007575

Complementary

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



6A1BE8



99E81B

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.



007208



6A1BE8



505E00

Square

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



6A1BE8



D00000



006D00



0077CE

Rectangle

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



6A1BE8



E5005D



006D00



007455

Sweetspot

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



6A1BE8



D5BAFF



1B99E8



665780



000000



808080

Same Dimension

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



6A1BE8



6200FF



D01BE8



6C6773



4500B3



140033

Inverse Universe

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



E81B99



FF009D



33E81B



73676E



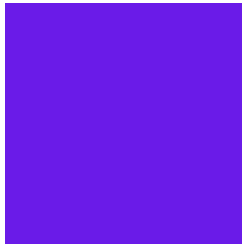
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 6A1BE8 looks on a white background.

Color Contrast Check

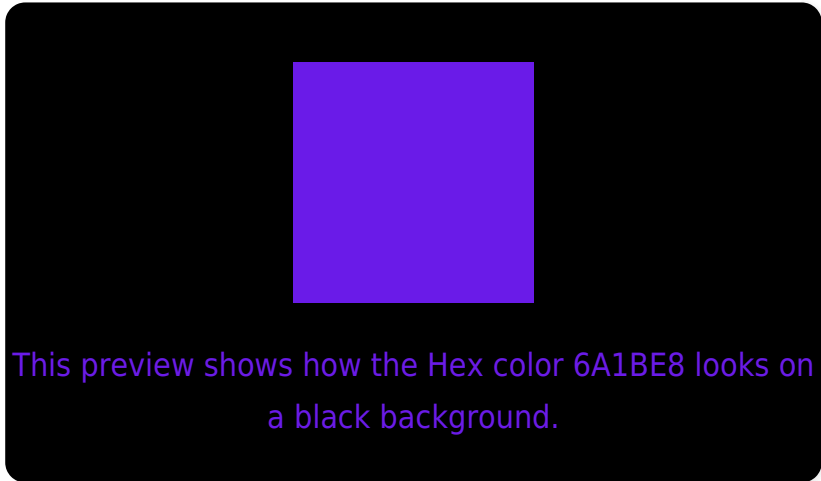
Large Text (above 18pt) WCAG AA ✓ Pass

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

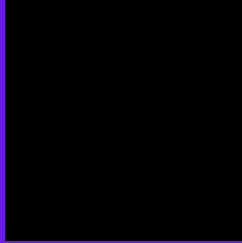
Any Text WCAG AA × Fail

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 6A1BE8 Background



This preview shows how black text looks on a background with the Hex color 6A1BE8.



This preview shows how white text looks on a background with the Hex color 6A1BE8.

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
6A1BE8

Protanopia
0055B2

Deuteranopia
005A98



Tritanopia
3E5D64

Trichromacy



Original Color
6A1BE8



Protanomaly
2740C6



Deuteranomaly
2743B5



Tritanomaly
4E4594

Monochromacy



Original Color
6A1BE8



Achromatopsia
4A4A4A



Achromatomaly
563983

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1BE8 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 #6A1BE8 looks like.

```
.text, #text, p{  
    color:#6A1BE8  
}
```

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 #6A1BE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1BE8
}
```

Border

The CSS property to change the border of an element to Hex 6A1BE8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

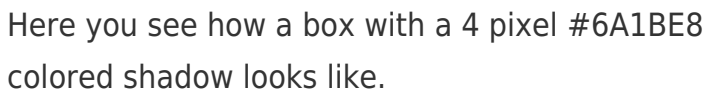
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1BE8 }
```

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

```
.border{ border-color:#6A1BE8 }
```

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



Here you see how a box with a 4 pixel #6A1BE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1BE8; -webkit-box-shadow:4px 4px  
4px 4px #6A1BE8; box-shadow:4px 4px 4px  
4px #6A1BE8 }
```

Background

The CSS property to change the background color of an element to Hex 6A1BE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1BE8 }
```

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

```
.background{ background-color:#6A1BE8 }
```

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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