

Converting Colors

Hex(6A0945)

Have a look what the booklet for
Hex(6A0945) contains.

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Color

Hex(6A0945)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6A0945 |
| RGB | 106, 9, 69 |
| RGB Percent | 42%, 4%, 27% |
| CMY | 0.5843, 0.9647, 0.7294 |
| CMYK | 0.00, 0.92, 0.35, 0.58 |
| HSL | 323°, 84%, 23% |
| HSV | 323°, 92%, 42% |
| XYZ | 7.1157, 3.6892, 5.9673 |
| YIQ | 44.8430, 38.5520, 39.2240 |

Conversions

Conversions Part 2

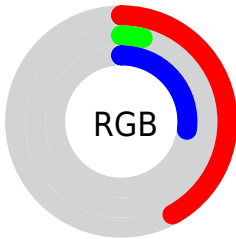
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 106, 9, 69 |
| Decimal | 6949189 |
| CIELab | 22.62, 44.28, -9.39 |
| CIELCh | 23, 45.267, 348.029 |
| Yxy | 3.6892, 0.4243, 0.2200 |
| Android (android.graphics.Color) | 4285139269 (0xFF6A0945) |
| YUV | 44.8430, 11.9094, 53.6347 |
| Hunter-Lab | 19.2073, 32.5159, -4.9749 |

Details

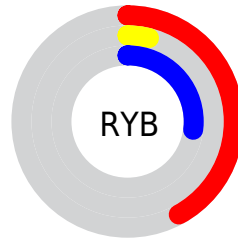
The Hex color **6A0945** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **096A2E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A14375**, and **37001A** is the 20% darker color. If you saturate the color by 10%, you get **6A0042**, and if you desaturate by 10%, it is **6A1449**.

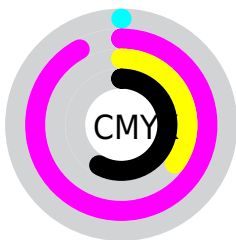
Distribution



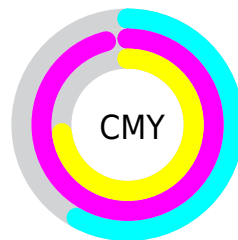
- Red (42%)
- Green (4%)
- Blue (27%)



- Red (42%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (92%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0945 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 6A0945 by changing the saturation by 10% instead.

6A0945

6A0945

FFFFFF

50002F

A14375

37001A

BD5D8F

190001

DA78A9

000000

F793C5

FFAEE1

FFCAFD

FFE7FF

6A0945

6A0945

■ 6A0042

■ 6A1449

■ 6A1E4D

■ 6A2951

■ 6A3355

■ 6A3E59

■ 6A495D

■ 6A5361

■ 6A5E65

■ 6A6869

Harmonies

Analogous

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



4F2164



6A0945



6F0824

Triad

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



6A0945



313B00



004368

Complementary

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



6A0945



096A2E

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.



00444A



6A0945



004100

Square

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



6A0945



4F3000



004327



003E79

Rectangle

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



6A0945



6A170D



004327



00445F

Sweetspot

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



6A0945



8A657C



2D096A



452F3C



C4C4C4



454545

Same Dimension

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



6A0945



8A0055



6A0916



363034



750049



F50097

Inverse Universe

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



6A0945



8A0055



096A5D



363034



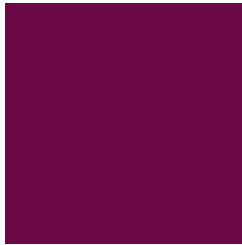
750049



F50097

Previews

White Background



This preview shows how the Hex color 6A0945 looks on a white background.

Color Contrast Check

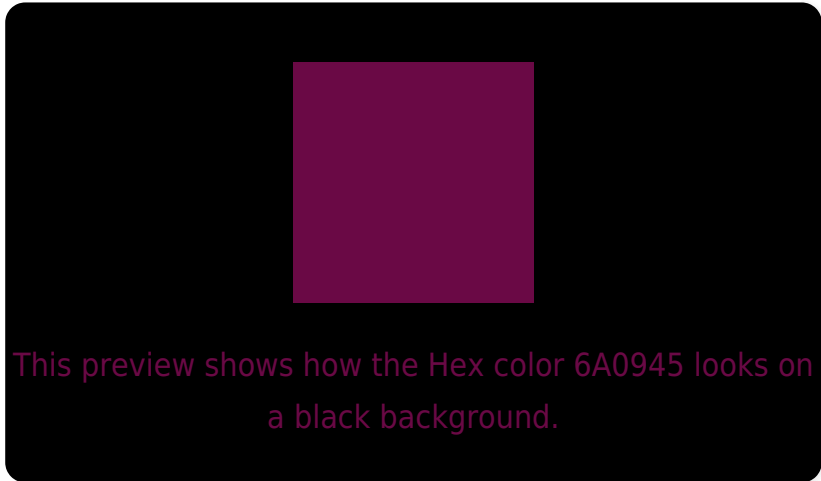
Large Text (above 18pt) WCAG AA ✓ Pass

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

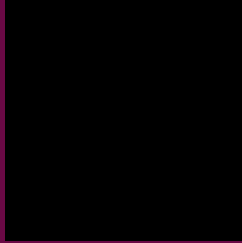
Any Text WCAG AA × Fail

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 6A0945 Background



This preview shows how black text looks on a background with the Hex color 6A0945.

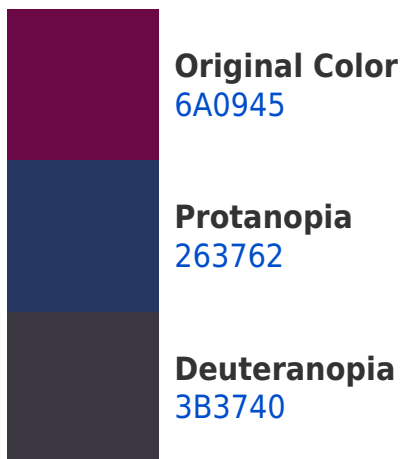


This preview shows how white text looks on a background with the Hex color 6A0945.

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
6A0945

Protanomaly
3F2657

Deuteranomaly
4C2642

Tritanomaly
68152C

Monochromacy



Original Color
6A0945

Achromatopsia
2D2D2D

Achromatomaly
432036

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0945 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 #6A0945 looks like.

```
.text, #text, p{  
    color:#6A0945  
}
```

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 #6A0945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0945  
}
```

Border

The CSS property to change the border of an element to Hex 6A0945 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".

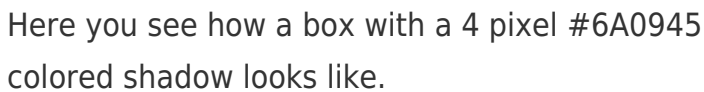
```
.border, #border, table{ border:4px solid  
#6A0945 }
```

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

```
.border{ border-color:#6A0945 }
```

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

Here you see how a box with a 4 pixel #6A0945 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0945; -webkit-box-shadow:4px 4px  
4px 4px #6A0945; box-shadow:4px 4px 4px  
4px #6A0945 }
```

Background

The CSS property to change the background color of an element to Hex 6A0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0945 }
```

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

```
.background{ background-color:#6A0945 }
```

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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