

Converting Colors

Hex(A64DC6)

Have a look what the booklet for
Hex(A64DC6) contains.

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Color

Hex(A64DC6)

Conversions

Conversions Part 1

Format	Color
Hex	A64DC6
RGB	166, 77, 198
RGB Percent	65%, 30%, 78%
CMY	0.3490, 0.6980, 0.2235
CMYK	0.16, 0.61, 0.00, 0.22
HSL	284°, 51%, 54%
HSV	284°, 61%, 78%
XYZ	28.5728, 17.4920, 55.2964
YIQ	117.4050, 14.2030, 56.4990

Conversions

Conversions Part 2

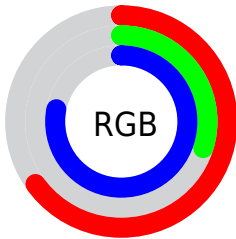
Format	Color
R_{YB}	166, 77, 198
Decimal	10898886
CIE _{Lab}	48.87, 55.32, -47.71
CIE _{LCh}	49, 73.052, 319.220
Yxy	17.4920, 0.2819, 0.1726
Android (android.graphics.Color)	4289088966 (0xFFA64DC6)
YUV	117.4050, 39.7333, 42.6178
Hunter-Lab	41.8234, 48.7563, -49.1134

Details

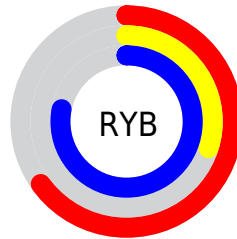
The Hex color **A64DC6** is a dark color, and the websafe version is hex **993399**. The color can be described as middle muted purple. A complement of this color would be **6DC64D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E083FF**, and **6E128F** is the 20% darker color. If you saturate the color by 10%, you get **A139C6**, and if you desaturate by 10%, it is **AB61C6**.

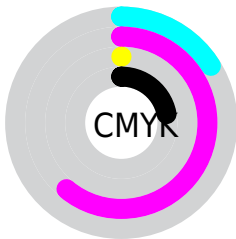
Distribution



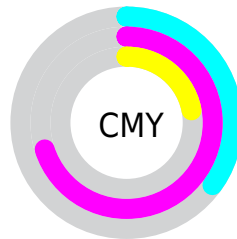
- Red (65%)
- Green (30%)
- Blue (78%)



- Red (65%)
- Yellow (30%)
- Blue (78%)



- Cyan (16%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color A64DC6 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 A64DC6 by changing the saturation by 10% instead.

 A64DC6

 A64DC6

FFFFFF

 8A32AA

 E083FF

 6E128F

 FD9EFF

 530075

 FFBAFF

 38005C

 FFD7FF

 210044

 FFF4FF

 00002C

 000117

 000000

 A64DC6

 A64DC6

 A139C6

 AB61C6

 9C25C6

 B075C6

 9612C6

 B688C6

 9200C6

 BB9CC6

 C0B0C6

 C5C4C6

 CBD8C6

 D0EBC6

 D5FFC6

Harmonies

Analogous

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



276EEB



A64DC6



D5268D

Triad

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



A64DC6



9F6900



008F9B

Complementary

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



A64DC6



6DC64D

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.



008D5B



A64DC6



687D00

Square

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



A64DC6



C94B10



008814



008CD2

Rectangle

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



A64DC6



DF1E64



008814



008F86

Sweetspot

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



A64DC6



F3D1FF



4D6DC6



786380



000000



808080

Same Dimension

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



A64DC6



CE45FF



C64DAA



615A63



7800A3



1A0024

Inverse Universe

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



C64D6D



FF4576



4DC669



635A5C



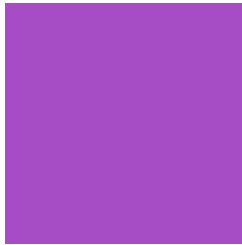
A3002B



240009

Previews

White Background



This preview shows how the Hex color A64DC6 looks on a white background.

Color Contrast Check

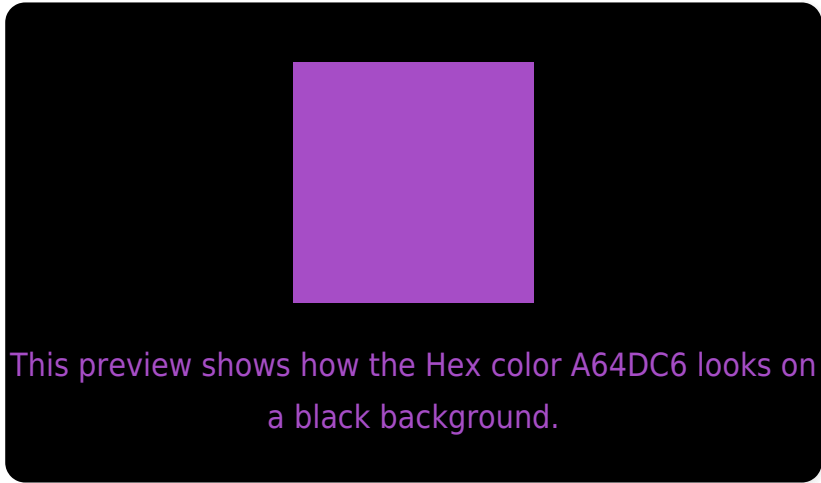
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

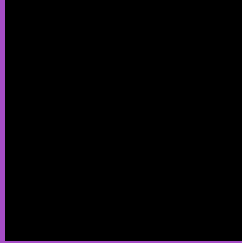
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A64DC6 Background



This preview shows how black text looks on a background with the Hex color A64DC6.

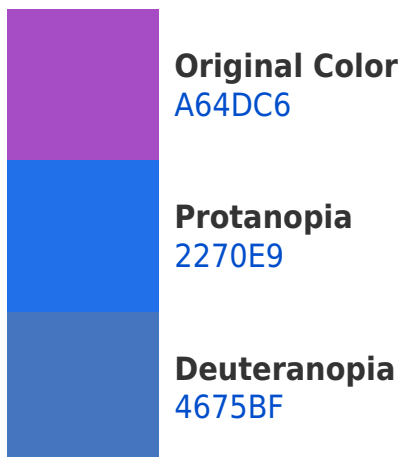



This preview shows how white text looks on a background with the Hex color A64DC6.

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](#).

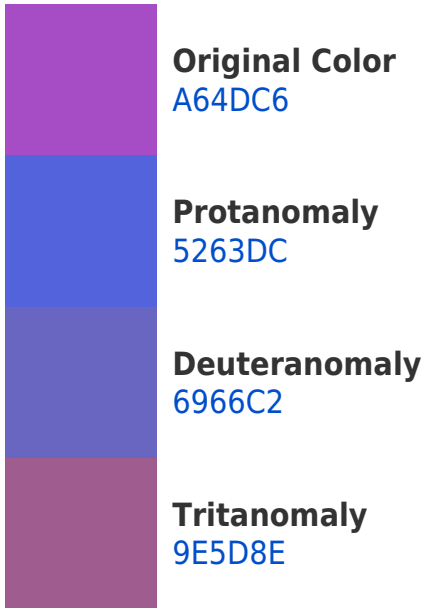
Dichromacy



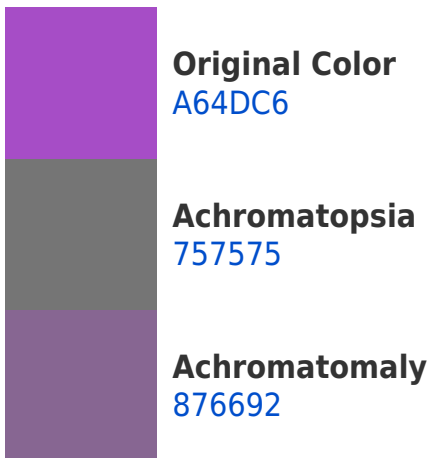


Tritanopia
99666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A64DC6 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 #A64DC6 looks like.

```
.text, #text, p{  
    color:#A64DC6  
}
```

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 #A64DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A64DC6
}
```

Border

The CSS property to change the border of an element to Hex A64DC6 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
#A64DC6 }
```

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

```
.border{ border-color:#A64DC6 }
```

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

Here you see how a box with a 4 pixel #A64DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A64DC6; -webkit-box-shadow:4px 4px  
4px 4px #A64DC6; box-shadow:4px 4px 4px  
4px #A64DC6 }
```

Background

The CSS property to change the background color of an element to Hex A64DC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A64DC6 }
```

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

```
.background{ background-color:#A64DC6 }
```

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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