

Converting Colors

Hex(7018E6)

Have a look what the booklet for
Hex(7018E6) contains.

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Color

Hex(7018E6)

Conversions

Conversions Part 1

Format	Color
Hex	7018E6
RGB	112, 24, 230
RGB Percent	44%, 9%, 90%
CMY	0.5608, 0.9059, 0.0980
CMYK	0.51, 0.90, 0.00, 0.10
HSL	266°, 81%, 50%
HSV	266°, 90%, 90%
XYZ	21.2917, 9.8112, 75.6345
YIQ	73.7960, -13.6780, 82.7220

Conversions

Conversions Part 2

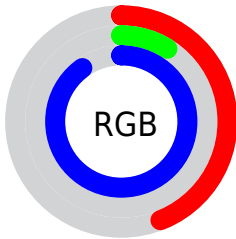
Format	Color
R_{YB}	112, 24, 230
Decimal	7346406
CIE _{Lab}	37.50, 73.05, -84.88
CIE _{LCh}	38, 111.991, 310.717
Yxy	9.8112, 0.1995, 0.0919
Android (android.graphics.Color)	4285536486 (0xFF7018E6)
YUV	73.7960, 77.0086, 33.5049
Hunter-Lab	31.3228, 66.5203, -121.2402

Details

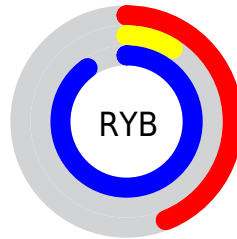
The Hex color **7018E6** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **8EE618**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AF56FF**, and **2600AD** is the 20% darker color. If you saturate the color by 10%, you get **6301E6**, and if you desaturate by 10%, it is **7D2FE6**.

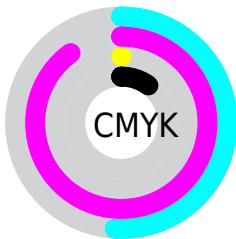
Distribution



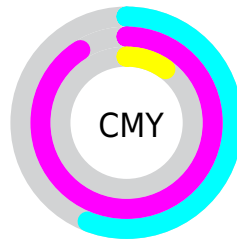
- Red (44%)
- Green (9%)
- Blue (90%)



- Red (44%)
- Yellow (9%)
- Blue (90%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (91%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7018E6 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 7018E6 by changing the saturation by 10% instead.

 7018E6

 7018E6

FFFFFF

 4F00C9

 AF56FF

 2600AD

 CD72FF

 000091

 EC8EFF

 000077

 FFAAFF

 00005D

 FFC7FF

 000744

 FFE4FF

 00032D

 000117

 000000

■ 7018E6

■ 7018E6

■ 6301E6

■ 7D2FE6

■ 6200E6

■ 8A46E6

■ 985DE6

■ A574E6

■ B28BE6

■ BFA2E6

■ CCB9E6

■ D9D0E6

■ E7E7E6

Harmonies

Analogous

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



005FFF



7018E6



D10096

Triad

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



7018E6



9A3A00



007578

Complementary

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



7018E6



8EE618

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.



007310



7018E6



4E6000

Square

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



7018E6



CF0000



006E00



0078D0

Rectangle

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



7018E6



E6005B



006E00



007559

Sweetspot

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



7018E6



D8BAFF



1890E6



685780



000000



808080

Same Dimension

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



7018E6



6D00FF



D518E6



6C6773



4C00B3



160033

Inverse Universe

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



E6188E



FF0092



29E618



73676E



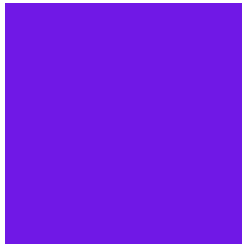
B30066



33001D

Previews

White Background



This preview shows how the Hex color 7018E6 looks on a white background.

Color Contrast Check

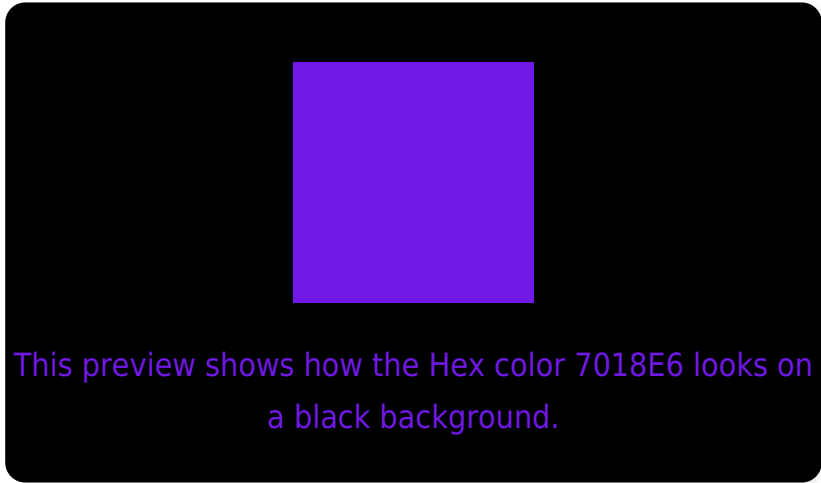
Large Text (above 18pt) WCAG AA ✓ Pass

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

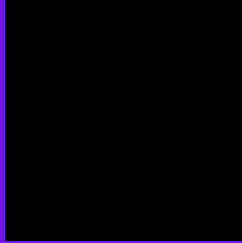
Any Text WCAG AA × Fail

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 7018E6 Background



This preview shows how black text looks on a background with the Hex color 7018E6.

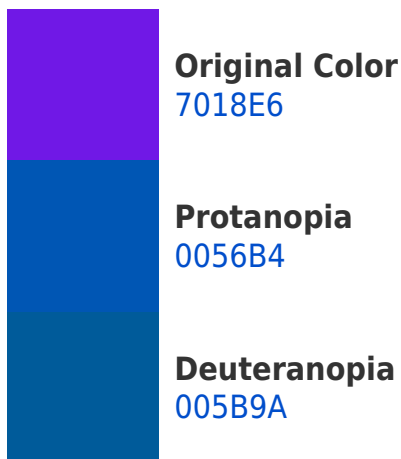


This preview shows how white text looks on a background with the Hex color 7018E6.

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
495B63

Trichromacy



Original Color
7018E6



Protanomaly
293FC6



Deuteranomaly
2943B6



Tritanomaly
574393

Monochromacy



Original Color
7018E6



Achromatopsia
4A4A4A



Achromatomaly
583883

CSS Examples

Text

The CSS property to change the color of the text to Hex 7018E6 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 #7018E6 looks like.

```
.text, #text, p{  
    color:#7018E6  
}
```

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 #7018E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7018E6
}
```

Border

The CSS property to change the border of an element to Hex 7018E6 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".

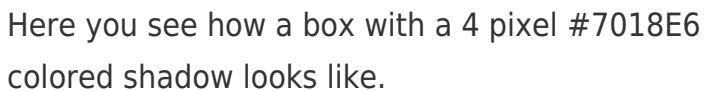
```
.border, #border, table{ border:4px solid
#7018E6 }
```

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

```
.border{ border-color:#7018E6 }
```

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

Here you see how a box with a 4 pixel #7018E6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7018E6; -webkit-box-shadow:4px 4px  
4px 4px #7018E6; box-shadow:4px 4px 4px  
4px #7018E6 }
```

Background

The CSS property to change the background color of an element to Hex 7018E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7018E6 }
```

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

```
.background{ background-color:#7018E6 }
```

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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