

Converting Colors

Hex(7600E4)

Have a look what the booklet for
Hex(7600E4) contains.

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Color

Hex(7600E4)

Conversions

Conversions Part 1

Format	Color
Hex	7600E4
RGB	118, 0, 228
RGB Percent	46%, 0%, 89%
CMY	0.5373, 1.0000, 0.1059
CMYK	0.48, 1.00, 0.00, 0.11
HSL	271°, 100%, 45%
HSV	271°, 100%, 89%
XYZ	21.4748, 9.4530, 74.0915
YIQ	61.2740, -2.8600, 95.9240

Conversions

Conversions Part 2

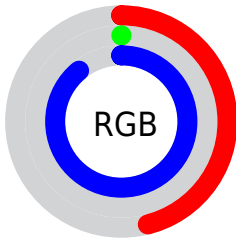
Format	Color
R_{YB}	118, 0, 228
Decimal	7733476
CIE _{Lab}	36.84, 76.76, -84.81
CIE _{LCh}	37, 114.389, 312.150
Yxy	9.4530, 0.2045, 0.0900
Android (android.graphics.Color)	4285923556 (0xFF7600E4)
YUV	61.2740, 82.1959, 49.7487
Hunter-Lab	30.7457, 70.8710, -121.3561

Details

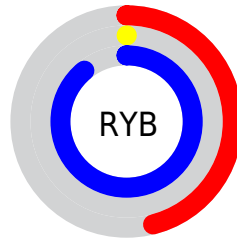
The Hex color **7600E4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6EE400**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **B44FFF**, and **3000AB** is the 20% darker color. If you saturate the color by 10%, you get **7600E4**, and if you desaturate by 10%, it is **8117E4**.

Distribution



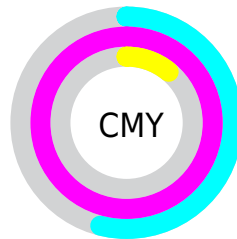
- Red (46%)
- Green (0%)
- Blue (89%)



- Red (46%)
- Yellow (0%)
- Blue (89%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7600E4 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 7600E4 by changing the saturation by 10% instead.

 7600E4

 7600E4

FFFFFF

 5500C7

 B44FFF

 3000AB

 D36BFF

 00008F

 F288FF

 000075

 FFA4FF

 00005B

 FFC1FF

 000742

 FFDEFF


 00032B

 FFFCFF

 000115

 000000

 7600E4

 8117E4

 8C2EE4

 9744E4

 A25BE4

 AD72E4

 B889E4

 C3A0E4

 CEB6E4

 D9CDE4

Harmonies

Analogous

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



005CFF



7600E4



D40092

Triad

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



7600E4



953B00



00747C

Complementary

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



7600E4



6EE400

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.



007114



7600E4



475F00

Square

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



7600E4



CD0000



006D00



0076D5

Rectangle

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



7600E4



E70055



006D00



00735C

Sweetspot

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



7600E4



DAB3FF



006EE4



695280



000000



808080

Same Dimension

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



7600E4



8400FF



E400E0



6D6773



5C00B3



1A0033

Inverse Universe

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



E4006E



FF007B



00E404



73676D



B30056



330019

Previews

White Background



This preview shows how the Hex color 7600E4 looks on a white background.

Color Contrast Check

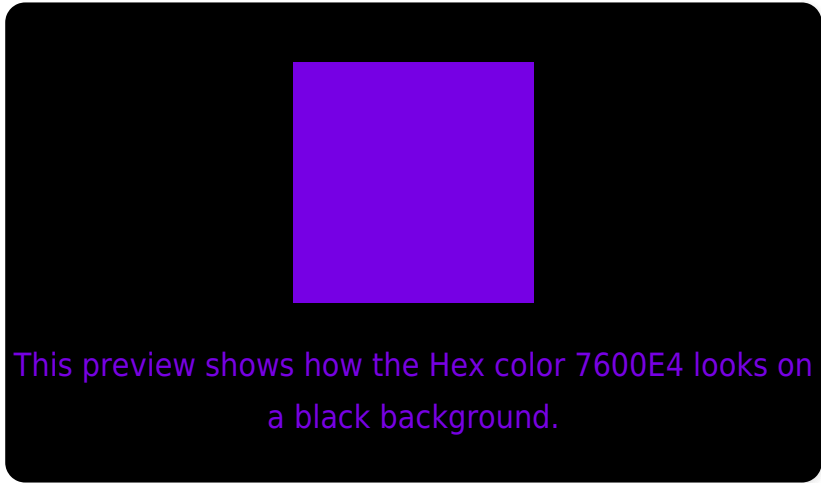
Large Text (above 18pt) WCAG AA ✓ Pass

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

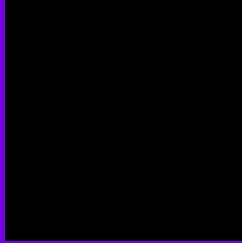
Any Text WCAG AA × Fail

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 7600E4 Background



This preview shows how black text looks on a background with the Hex color 7600E4.

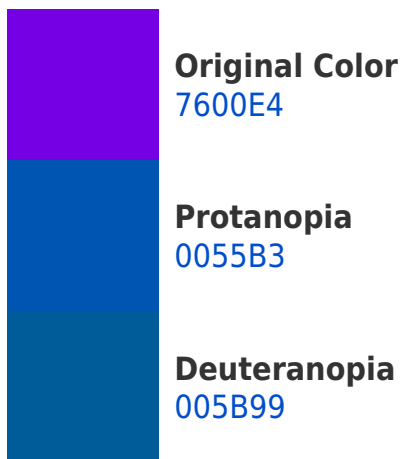


This preview shows how white text looks on a background with the Hex color 7600E4.

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
535960

Trichromacy



Original Color
7600E4

Protanomaly
2B36C5

Deuteranomaly
2B3AB4

Tritanomaly
603990

Monochromacy



Original Color
7600E4

Achromatopsia
3D3D3D

Achromatomaly
52277A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7600E4 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 #7600E4 looks like.

```
.text, #text, p{  
    color:#7600E4  
}
```

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 #7600E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7600E4
}
```

Border

The CSS property to change the border of an element to Hex 7600E4 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
#7600E4 }
```

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

```
.border{ border-color:#7600E4 }
```

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

Here you see how a box with a 4 pixel #7600E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7600E4; -webkit-box-shadow:4px 4px  
4px 4px #7600E4; box-shadow:4px 4px 4px  
4px #7600E4 }
```

Background

The CSS property to change the background color of an element to Hex 7600E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7600E4 }
```

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

```
.background{ background-color:#7600E4 }
```

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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