

Converting Colors

Hex(7627E2)

Have a look what the booklet for
Hex(7627E2) contains.

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Color

Hex(7627E2)

Conversions

Conversions Part 1

Format	Color
Hex	7627E2
RGB	118, 39, 226
RGB Percent	46%, 15%, 89%
CMY	0.5373, 0.8471, 0.1137
CMYK	0.48, 0.83, 0.00, 0.11
HSL	265°, 76%, 52%
HSV	265°, 83%, 89%
XYZ	21.9242, 10.7936, 72.8793
YIQ	83.9390, -12.9430, 74.9050

Conversions

Conversions Part 2

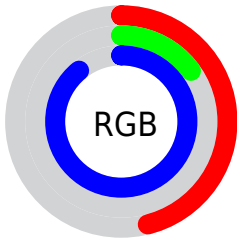
Format	Color
R _Y B	118, 39, 226
Decimal	7743458
CIE Lab	39.23, 68.58, -79.72
CIE LCh	39, 105.162, 310.702
Yxy	10.7936, 0.2076, 0.1022
Android (android.graphics.Color)	4285933538 (0xFF7627E2)
YUV	83.9390, 70.0361, 29.8715
Hunter-Lab	32.8536, 61.6248, -108.5259

Details

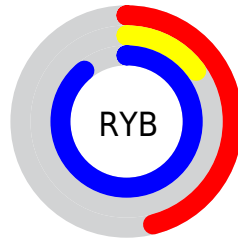
The Hex color **7627E2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **93E227**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B360FF**, and **3300A9** is the 20% darker color. If you saturate the color by 10%, you get **6910E2**, and if you desaturate by 10%, it is **833EE2**.

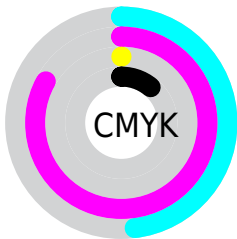
Distribution



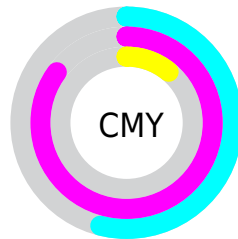
- Red (46%)
- Green (15%)
- Blue (89%)



- Red (46%)
- Yellow (15%)
- Blue (89%)



- Cyan (48%)
- Magenta (83%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (85%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7627E2 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 7627E2 by changing the saturation by 10% instead.

 7627E2

 7627E2

FFFFFF

 5600C5

 B360FF

 3300A9

 D27BFF

 00008E

 F097FF

 000073

 FFB3FF

 000059

 FFD0FF

 000741

 FFEDFF

 00032A

 000114

 000000

■ 7627E2

■ 7627E2

■ 6910E2

■ 833EE2

■ 5F00E2

■ 9054E2

■ 9D6BE2

■ AA81E2

■ B798E2

■ C4AFE2

■ D1C5E2

■ DEDCE2

■ EBF2E2

Harmonies

Analogous

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



0061FF



7627E2



D00097

Triad

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



7627E2



9C4100



007A7B

Complementary

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



7627E2



93E227

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.



00771B



7627E2



556300

Square

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



7627E2



CF0000



007100



007BCD

Rectangle

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



7627E2



E4005F



007100



00795D

Sweetspot

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



7627E2



DABFFF



2794E2



695980



000000



808080

Same Dimension

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



7627E2



6D03FF



D227E2



6A6570



4A00B0



140030

Inverse Universe

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



E22793



FF0394



37E227



70656B



B00066



30001C

Previews

White Background



This preview shows how the Hex color 7627E2 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

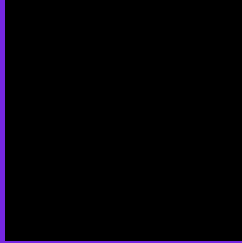
Any Text WCAG AA × Fail

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 7627E2 Background



This preview shows how black text looks on a background with the Hex color 7627E2.

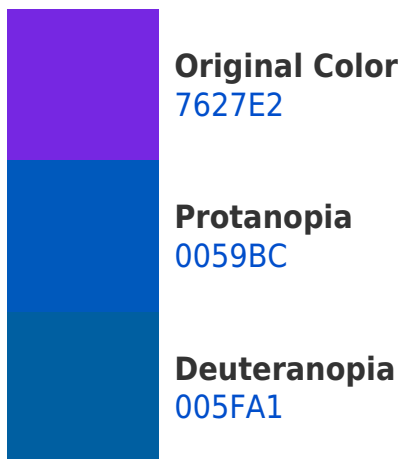


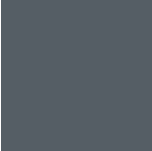
This preview shows how white text looks on a background with the Hex color 7627E2.

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
555E65

Trichromacy



Original Color
7627E2



Protanomaly
2B47CA



Deuteranomaly
2B4BB9



Tritanomaly
614A92

Monochromacy



Original Color
7627E2



Achromatopsia
545454



Achromatomaly
604488

CSS Examples

Text

The CSS property to change the color of the text to Hex 7627E2 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 #7627E2 looks like.

```
.text, #text, p{  
    color:#7627E2  
}
```

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 #7627E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7627E2
}
```

Border

The CSS property to change the border of an element to Hex 7627E2 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
#7627E2 }
```

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

```
.border{ border-color:#7627E2 }
```

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

Here you see how a box with a 4 pixel #7627E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7627E2; -webkit-box-shadow:4px 4px  
4px 4px #7627E2; box-shadow:4px 4px 4px  
4px #7627E2 }
```

Background

The CSS property to change the background color of an element to Hex 7627E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7627E2 }
```

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

```
.background{ background-color:#7627E2 }
```

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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