

Converting Colors

Hex(7163E2)

Have a look what the booklet for
Hex(7163E2) contains.

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Color

Hex(7163E2)

Conversions

Conversions Part 1

Format	Color
Hex	7163E2
RGB	113, 99, 226
RGB Percent	44%, 39%, 89%
CMY	0.5569, 0.6118, 0.1137
CMYK	0.50, 0.56, 0.00, 0.11
HSL	247°, 69%, 64%
HSV	247°, 56%, 89%
XYZ	24.9994, 17.9254, 74.0938
YIQ	117.6640, -32.4230, 42.4650

Conversions

Conversions Part 2

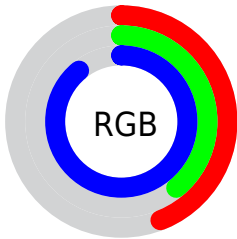
Format	Color
R_{YB}	113, 99, 226
Decimal	7431138
CIE _{Lab}	49.41, 38.44, -63.15
CIE _{LCh}	49, 73.925, 301.328
Yxy	17.9254, 0.2136, 0.1532
Android (android.graphics.Color)	4285621218 (0xFF7163E2)
YUV	117.6640, 53.4096, -4.0903
Hunter-Lab	42.3384, 31.3060, -74.1230

Details

The Hex color **7163E2** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D4E263**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AC96FF**, and **3234AA** is the 20% darker color. If you saturate the color by 10%, you get **5D4CE2**, and if you desaturate by 10%, it is **857AE2**.

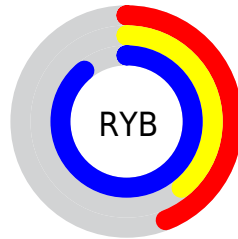
Distribution



Red (44%)

Green (39%)

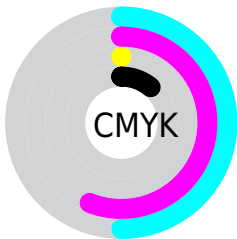
Blue (89%)



Red (44%)

Yellow (39%)

Blue (89%)

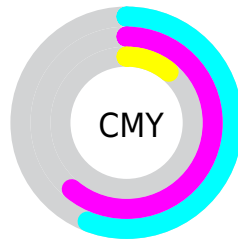


Cyan (50%)

Magenta (56%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (61%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7163E2 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 7163E2 by changing the saturation by 10% instead.

7163E2

7163E2

FFFFFF

534BC6

AC96FF

3234AA

C9B1FF

001E8F

E7CDFF

000974

FFE9FF

00005B

000742

00032B

000115

000000

■ 7163E2

■ 7163E2

■ 5D4CE2

■ 857AE2

■ 4936E2

■ 9990E2

■ 351FE2

■ ADA7E2

■ 2109E2

■ C1BDE2

■ 1900E2

■ D6D4E2

■ EAEBE2

■ FEFFE2

■ FFFFE2

Harmonies

Analogous

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



007DF5



7163E2



C13DB3

Triad

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



7163E2



BC5A00



009077

Complementary

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



7163E2



D4E263

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.



008C34



7163E2



8C7400

Square

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



7163E2



DB3538



4C8400



0090B6

Rectangle

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



7163E2



DA248A



4C8400



008F61

Sweetspot

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



7163E2



D8D4FF



63D5E2



696680



000000



808080

Same Dimension

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



7163E2



6754FF



AF63E2



666570



1300B0



050030

Inverse Universe

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



E263D4



FF54EC



96E263



70656F



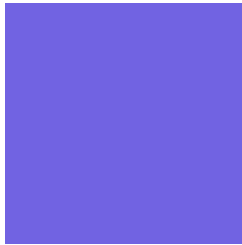
B0009D



30002B

Previews

White Background



This preview shows how the Hex color 7163E2 looks on a white background.

Color Contrast Check

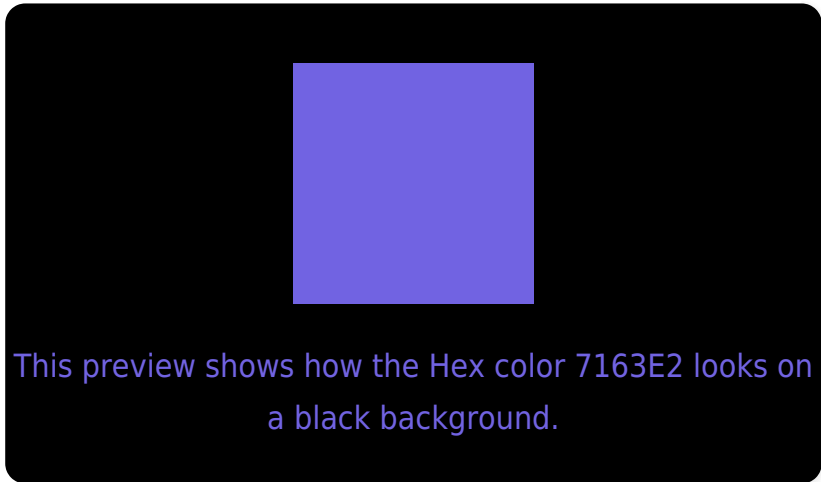
Large Text (above 18pt) WCAG AA ✓ Pass

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

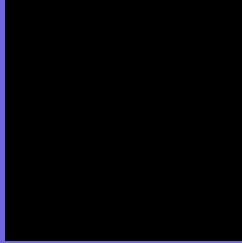
Any Text WCAG AA ✓ Pass

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 7163E2 Background



This preview shows how black text looks on a background with the Hex color 7163E2.

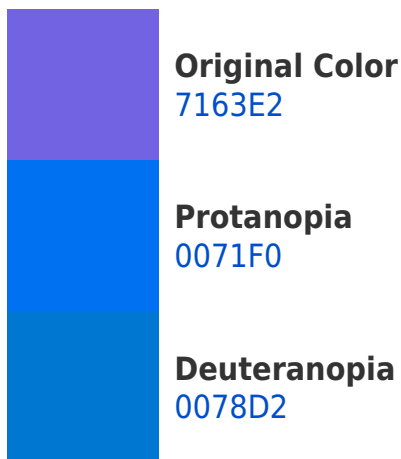


This preview shows how white text looks on a background with the Hex color 7163E2.

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](#).

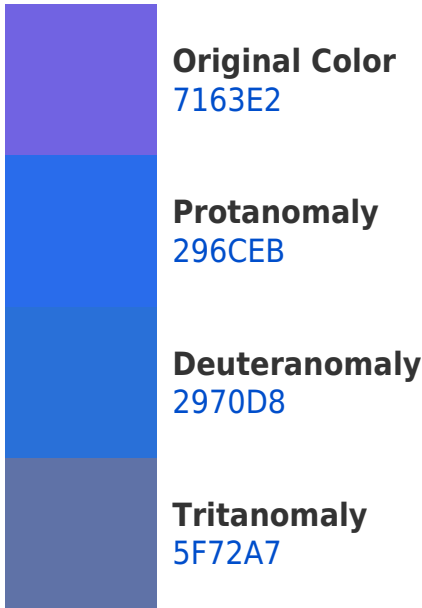
Dichromacy



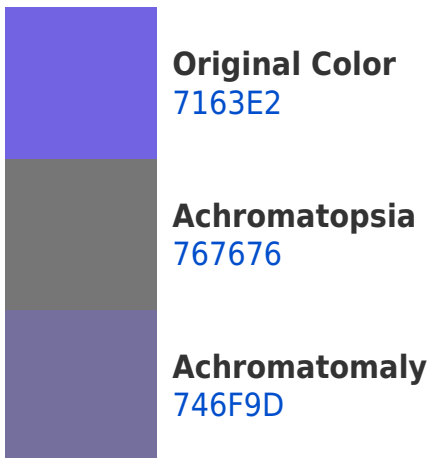


Tritanopia
557B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7163E2 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 #7163E2 looks like.

```
.text, #text, p{  
    color:#7163E2  
}
```

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 #7163E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7163E2
}
```

Border

The CSS property to change the border of an element to Hex 7163E2 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
#7163E2 }
```

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

```
.border{ border-color:#7163E2 }
```

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

Here you see how a box with a 4 pixel #7163E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7163E2; -webkit-box-shadow:4px 4px  
4px 4px #7163E2; box-shadow:4px 4px 4px  
4px #7163E2 }
```

Background

The CSS property to change the background color of an element to Hex 7163E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7163E2 }
```

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

```
.background{ background-color:#7163E2 }
```

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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