

Converting Colors

Hex(7178E3)

Have a look what the booklet for
Hex(7178E3) contains.

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Color

Hex(7178E3)

Conversions

Conversions Part 1

Format	Color
Hex	7178E3
RGB	113, 120, 227
RGB Percent	44%, 47%, 89%
CMY	0.5569, 0.5294, 0.1098
CMYK	0.50, 0.47, 0.00, 0.11
HSL	236°, 67%, 67%
HSV	236°, 50%, 89%
XYZ	27.3917, 22.4897, 75.5703
YIQ	130.1050, -38.5190, 31.7930

Conversions

Conversions Part 2

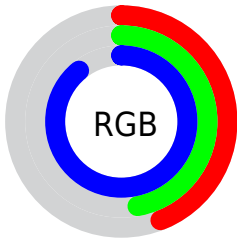
Format	Color
RYB	113, 120, 227
Decimal	7436515
CIELab	54.54, 26.20, -55.45
CIELCh	55, 61.330, 295.292
Yxy	22.4897, 0.2183, 0.1793
Android (android.graphics.Color)	4285626595 (0xFF7178E3)
YUV	130.1050, 47.7692, -15.0011
Hunter-Lab	47.4233, 20.1106, -61.2839

Details

The Hex color **7178E3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E3DC71**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABACFF**, and **3448AB** is the 20% darker color. If you saturate the color by 10%, you get **5A63E3**, and if you desaturate by 10%, it is **888DE3**.

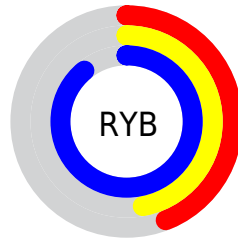
Distribution



Red (44%)

Green (47%)

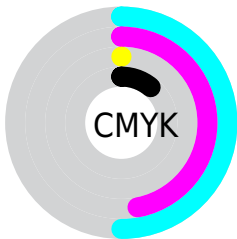
Blue (89%)



Red (44%)

Yellow (47%)

Blue (89%)

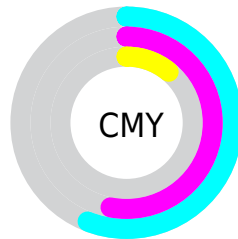


Cyan (50%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (56%)


Magenta (53%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7178E3 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 7178E3 by changing the saturation by 10% instead.

 7178E3

 7178E3

FFFFFF

 545FC7

 ABACFF

 3448AB

 C8C7FF

 023290

 E6E3FF

 001D76

 00085C

 000544

 00032D

 000117

 000000

■ 7178E3

■ 7178E3

■ 5A63E3

■ 888DE3

■ 444DE3

■ 9EA3E3

■ 2D38E3

■ B5B8E3

■ 1623E3

■ CCCDE3

■ 000EE3

■ E3E3E3

■ F9F8E3

■ FFFFE3

Harmonies

Analogous

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



008BED



7178E3



BA5FC0

Triad

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



7178E3



CA6729



009A78

Complementary

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



7178E3



E3DC71

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.



1D9642



7178E3



A37D00

Square

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



7178E3



DF5259



708D0F



009BAE

Rectangle

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



7178E3



D4519F



708D0F



009966

Sweetspot

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



7178E3



D9DBFF



71E3DB



696A80



000000



808080

Same Dimension

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



7178E3



666FFF



A271E3



676873



000BB3



000333

Inverse Universe

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



E37178



FF666F



B2E371



736768



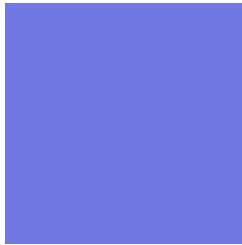
B3000B



330003

Previews

White Background



This preview shows how the Hex color 7178E3 looks on a white background.

Color Contrast Check

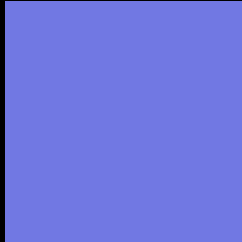
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7178E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

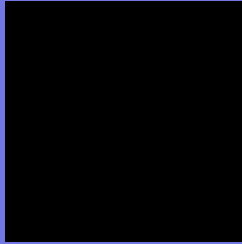
Any Text WCAG AA ✓ Pass

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 7178E3 Background



This preview shows how black text looks on a background with the Hex color 7178E3.



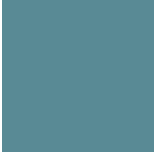
This preview shows how white text looks on a background with the Hex color 7178E3.

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](#).

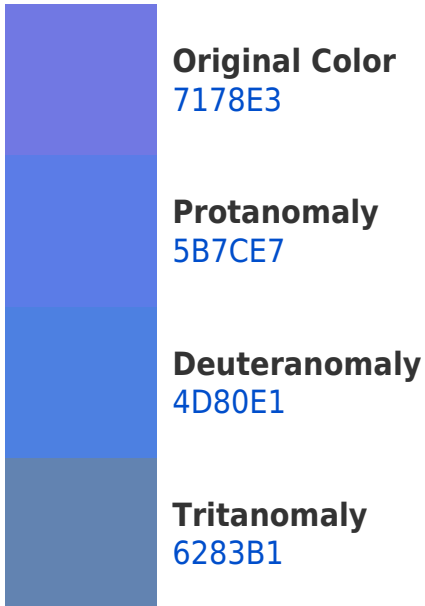
Dichromacy



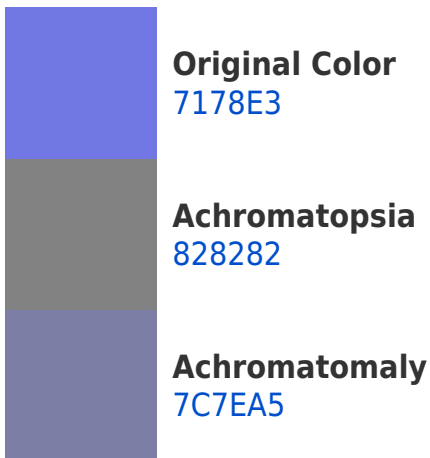


Tritanopia
598A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7178E3 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 #7178E3 looks like.

```
.text, #text, p{  
    color:#7178E3  
}
```

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 #7178E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7178E3
}
```

Border

The CSS property to change the border of an element to Hex 7178E3 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
#7178E3 }
```

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

```
.border{ border-color:#7178E3 }
```

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

Here you see how a box with a 4 pixel #7178E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7178E3; -webkit-box-shadow:4px 4px  
4px 4px #7178E3; box-shadow:4px 4px 4px  
4px #7178E3 }
```

Background

The CSS property to change the background color of an element to Hex 7178E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7178E3 }
```

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

```
.background{ background-color:#7178E3 }
```

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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