

Converting Colors

Hex(7344E4)

Have a look what the booklet for
Hex(7344E4) contains.

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Color

Hex(7344E4)

Conversions

Conversions Part 1

Format	Color
Hex	7344E4
RGB	115, 68, 228
RGB Percent	45%, 27%, 89%
CMY	0.5490, 0.7333, 0.1059
CMYK	0.50, 0.70, 0.00, 0.11
HSL	258°, 75%, 58%
HSV	258°, 70%, 89%
XYZ	23.1409, 13.3805, 74.7618
YIQ	100.2930, -23.3480, 59.7240

Conversions

Conversions Part 2

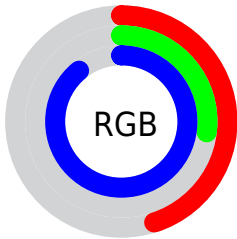
Format	Color
R _{YB}	115, 68, 228
Decimal	7554276
CIE _{Lab}	43.33, 56.48, -74.15
CIE _{LCh}	43, 93.206, 307.295
Yxy	13.3805, 0.2079, 0.1202
Android (android.graphics.Color)	4285744356 (0xFF7344E4)
YUV	100.2930, 62.9596, 12.8980
Hunter-Lab	36.5794, 48.9092, -95.5727

Details

The Hex color **7344E4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **B5E444**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **AF78FF**, and **310EAB** is the 20% darker color. If you saturate the color by 10%, you get **632DE4**, and if you desaturate by 10%, it is **835BE4**.

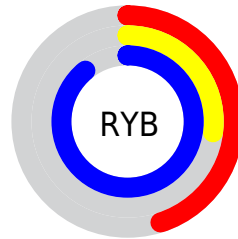
Distribution



Red (45%)

Green (27%)

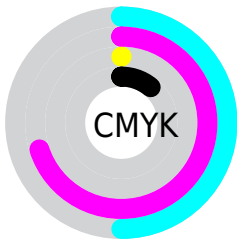
Blue (89%)



Red (45%)

Yellow (27%)

Blue (89%)

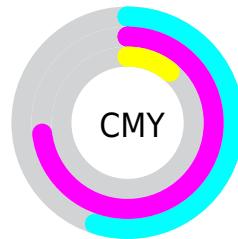


Cyan (50%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (73%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7344E4 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 7344E4 by changing the saturation by 10% instead.

 7344E4

 7344E4

FFFFFF

 542AC7

 AF78FF

 310EAB

 CD93FF

 000090

 ECAEFF

 000075

 FFCAFF

 00005C

 FFE7FF

 000743

 00032C

 000116

 000000

 7344E4

 7344E4

 632DE4

 835BE4

 5316E4

 9372E4

 4300E4

 A388E4

 B39FE4

 C4B6E4

 D4CDE4

 E4E4E4

 F4FAE4

 FFFFE4

Harmonies

Analogous

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



006DFF



7344E4



CB00A4

Triad

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



7344E4



AB4A00



008378

Complementary

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



7344E4



B5E444

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.



008023



7344E4



6D6A00

Square

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



7344E4



D60006



007900



0084C4

Rectangle

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



7344E4



E20071



007900



00825D

Sweetspot

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



7344E4



D9C9FF



44B7E4



696080



000000



808080

Same Dimension

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



7344E4



6829FF



C144E4



6B6773



3400B3



0F0033

Inverse Universe

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



E444B5



FF29C0



67E444



73676F



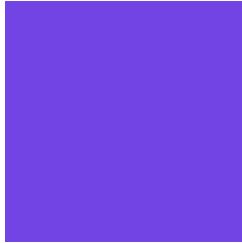
B3007E



330024

Previews

White Background



This preview shows how the Hex color 7344E4 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

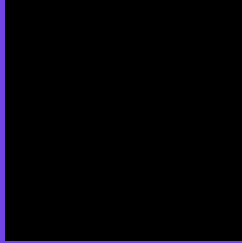
Any Text WCAG AA × Fail

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 7344E4 Background



This preview shows how black text looks on a background with the Hex color 7344E4.

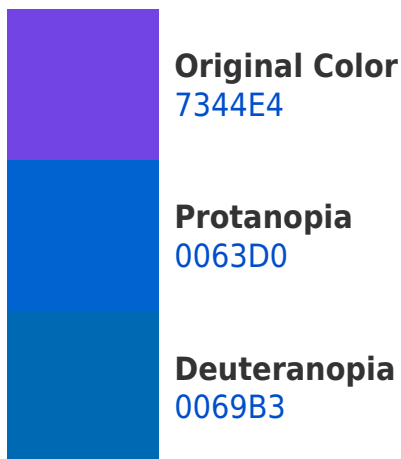


This preview shows how white text looks on a background with the Hex color 7344E4.

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](#).

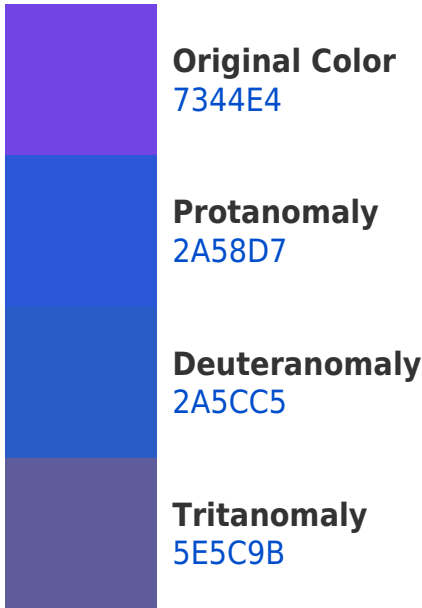
Dichromacy



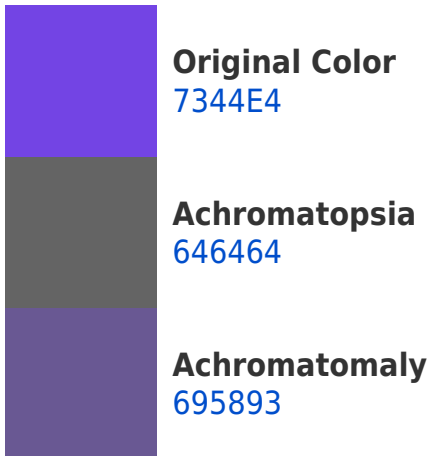


Tritanopia
526A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7344E4 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 #7344E4 looks like.

```
.text, #text, p{  
    color:#7344E4  
}
```

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 #7344E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7344E4
}
```

Border

The CSS property to change the border of an element to Hex 7344E4 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
#7344E4 }
```

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

```
.border{ border-color:#7344E4 }
```

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

Here you see how a box with a 4 pixel #7344E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7344E4; -webkit-box-shadow:4px 4px  
4px 4px #7344E4; box-shadow:4px 4px 4px  
4px #7344E4 }
```

Background

The CSS property to change the background color of an element to Hex 7344E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7344E4 }
```

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

```
.background{ background-color:#7344E4 }
```

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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