

Converting Colors

Hex(4337E2)

Have a look what the booklet for
Hex(4337E2) contains.

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Color

Hex(4337E2)

Conversions

Conversions Part 1

Format	Color
Hex	4337E2
RGB	67, 55, 226
RGB Percent	26%, 22%, 89%
CMY	0.7373, 0.7843, 0.1137
CMYK	0.70, 0.76, 0.00, 0.11
HSL	244°, 75%, 55%
HSV	244°, 76%, 89%
XYZ	17.4084, 9.4167, 72.8516
YIQ	78.0820, -47.7390, 55.7250

Conversions

Conversions Part 2

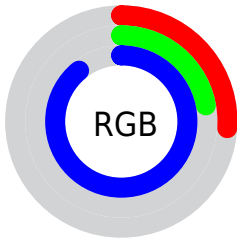
Format	Color
R _Y B	67, 55, 226
Decimal	4405218
CIE _{Lab}	36.77, 56.48, -83.94
CIE _{LCh}	37, 101.167, 303.934
Y _{xy}	9.4167, 0.1746, 0.0945
Android (android.graphics.Color)	4282595298 (0xFF4337E2)
Y _{UV}	78.0820, 72.9236, -9.7189
Hunter-Lab	30.6866, 47.5610, -119.2771

Details

The Hex color **4337E2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D6E237**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8869FF**, and **0003A9** is the 20% darker color. If you saturate the color by 10%, you get **2E20E2**, and if you desaturate by 10%, it is **584EE2**.

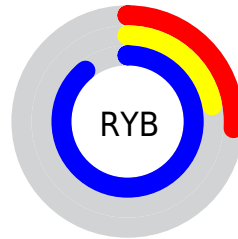
Distribution



Red (26%)

Green (22%)

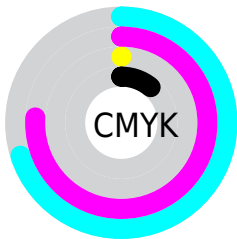
Blue (89%)



Red (26%)

Yellow (22%)

Blue (89%)

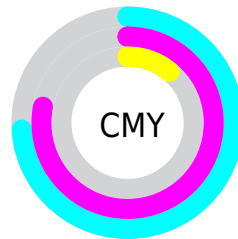


Cyan (70%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (74%)

Magenta (78%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4337E2 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 4337E2 by changing the saturation by 10% instead.

 4337E2

 4337E2

FFFFFF

 041EC5

 8869FF

 0003A9

 A883FF

 00008E

 C79EFF

 000073

 E6B9FF

 000D59

 FFD5FF

 000741

 FFF2FF

 00032A

 000114

 000000

■ 4337E2

■ 4337E2

■ 2E20E2

■ 584EE2

■ 190AE2

■ 6D64E2

■ 1000E2

■ 827BE2

■ 9791E2

■ ACA8E2

■ C1BFE2

■ D6D5E2

■ EBECE2

■ FFFFE2

Harmonies

Analogous

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



0062FF



4337E2



B800A0

Triad

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



4337E2



A02F00



007260

Complementary

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



4337E2



D6E237

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.



006F00



4337E2



615800

Square

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



4337E2



CB0000



006800



0073B2

Rectangle

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



4337E2



D3006B



006800



007143

Sweetspot

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



4337E2



C8C4FF



37D7E2



5E5C80



000000



808080

Same Dimension

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



4337E2



2717FF



9837E2



666570



0C00B0



030030

Inverse Universe

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



E237D6



FF17EF



81E237



70656F



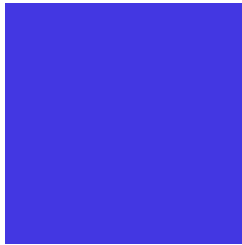
B000A4



30002D

Previews

White Background



This preview shows how the Hex color 4337E2 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

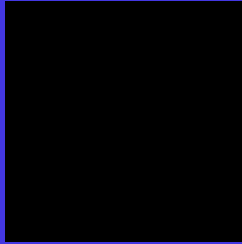
Any Text WCAG AA × Fail

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 4337E2 Background



This preview shows how black text looks on a background with the Hex color 4337E2.

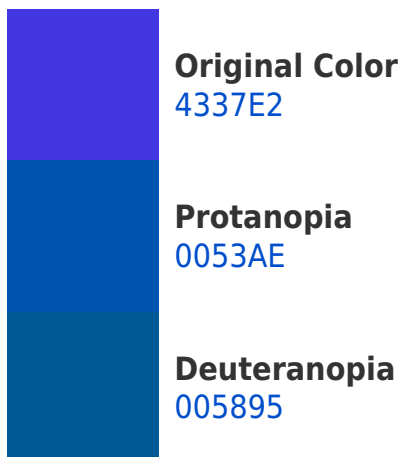


This preview shows how white text looks on a background with the Hex color 4337E2.

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](#).

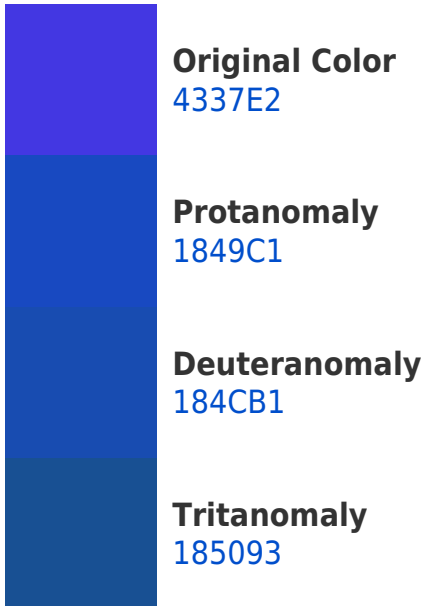
Dichromacy





Tritanopia
005F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4337E2 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 #4337E2 looks like.

```
.text, #text, p{  
    color:#4337E2  
}
```

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 #4337E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4337E2
}
```

Border

The CSS property to change the border of an element to Hex 4337E2 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
#4337E2 }
```

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

```
.border{ border-color:#4337E2 }
```

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

Here you see how a box with a 4 pixel #4337E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4337E2; -webkit-box-shadow:4px 4px  
4px 4px #4337E2; box-shadow:4px 4px 4px  
4px #4337E2 }
```

Background

The CSS property to change the background color of an element to Hex 4337E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4337E2 }
```

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

```
.background{ background-color:#4337E2 }
```

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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