

Converting Colors

Hex(4362EC)

Have a look what the booklet for
Hex(4362EC) contains.

Hex(4362EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4362EC)

Conversions

Conversions Part 1

Format	Color
Hex	4362EC
RGB	67, 98, 236
RGB Percent	26%, 38%, 93%
CMY	0.7373, 0.6157, 0.0745
CMYK	0.72, 0.58, 0.00, 0.07
HSL	229°, 82%, 59%
HSV	229°, 72%, 93%
XYZ	21.8227, 15.9848, 81.2921
YIQ	104.4630, -62.7740, 36.3460

Conversions

Conversions Part 2

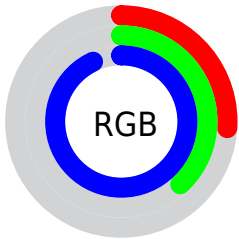
Format	Color
R _Y B	67, 93, 236
Decimal	4416236
CIE Lab	46.95, 34.81, -72.89
CIE LCh	47, 80.781, 295.528
Yxy	15.9848, 0.1832, 0.1342
Android (android.graphics.Color)	4282606316 (0xFF4362EC)
YUV	104.4630, 64.8477, -32.8551
Hunter-Lab	39.9810, 27.4636, -92.5658

Details

The Hex color **4362EC** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **ECCD43**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8794FF**, and **0034B3** is the 20% darker color. If you saturate the color by 10%, you get **2B4FEC**, and if you desaturate by 10%, it is **5B75EC**.

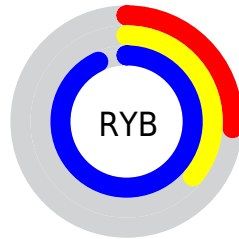
Distribution



Red (26%)

Green (38%)

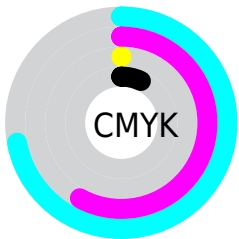
Blue (93%)



Red (26%)

Yellow (36%)

Blue (93%)

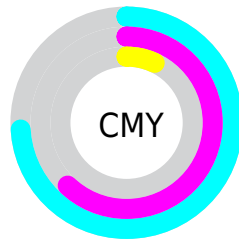


Cyan (72%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (62%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4362EC 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 4362EC by changing the saturation by 10% instead.

 4362EC

 4362EC

FFFFFF

 064ACF

 8794FF

 0034B3

 A6AFFF

 002097

 C5CAFF

 000F7D

 E4E6FF

 000063

 00094A

 000432

 00021C

 000000

■ 4362EC

■ 4362EC

■ 2B4FEC

■ 5B75EC

■ 143BEC

■ 7289EC

■ 002BEC

■ 8A9CEC

■ A1AFEC

■ B9C2EC

■ D1D6EC

■ E8E9EC

■ FFFCEC

■ FFFFEC

Harmonies

Analogous

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



007CF9



4362EC



B435BD

Triad

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



4362EC



C14800



008A63

Complementary

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



4362EC



ECCD43

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.



008613



4362EC



916900

Square

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



4362EC



DE053A



4F7C00



008BA9

Rectangle

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



4362EC



D50093



4F7C00



00894B

Sweetspot

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



4362EC



C9D3FF



43ECCA



606580



000000



808080

Same Dimension

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



4362EC



244CFF



7643EC



6A6C75



0021B5



000A36

Inverse Universe

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



EC4362



FF244C



B9EC43



756A6C



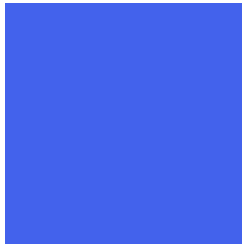
B50021



36000A

Previews

White Background



This preview shows how the Hex color 4362EC looks on a white background.

Color Contrast Check

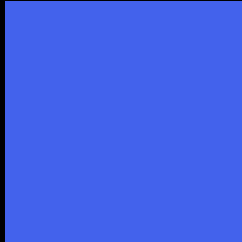
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4362EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

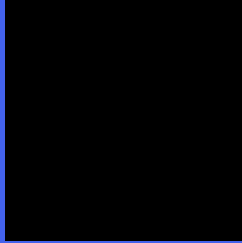
Any Text WCAG AA × Fail

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 4362EC Background



This preview shows how black text looks on a background with the Hex color 4362EC.

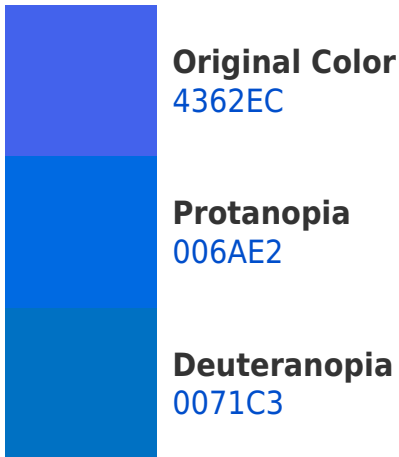


This preview shows how white text looks on a background with the Hex color 4362EC.

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](#).

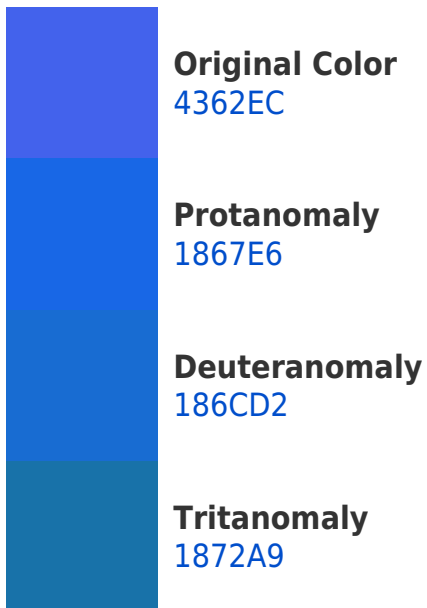
Dichromacy





Tritanopia
007B83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4362EC 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 #4362EC looks like.

```
.text, #text, p{  
    color:#4362EC  
}
```

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 #4362EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4362EC
}
```

Border

The CSS property to change the border of an element to Hex 4362EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

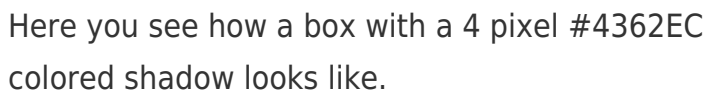
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4362EC }
```

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

```
.border{ border-color:#4362EC }
```

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



Here you see how a box with a 4 pixel #4362EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4362EC; -webkit-box-shadow:4px 4px  
4px 4px #4362EC; box-shadow:4px 4px 4px  
4px #4362EC }
```

Background

The CSS property to change the background color of an element to Hex 4362EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4362EC }
```

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

```
.background{ background-color:#4362EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor