

Converting Colors

Hex(5440E6)

Have a look what the booklet for
Hex(5440E6) contains.

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Color

Hex(5440E6)

Conversions

Conversions Part 1

Format	Color
Hex	5440E6
RGB	84, 64, 230
RGB Percent	33%, 25%, 90%
CMY	0.6706, 0.7490, 0.0980
CMYK	0.63, 0.72, 0.00, 0.10
HSL	247°, 77%, 58%
HSV	247°, 72%, 90%
XYZ	19.7725, 11.2648, 75.9951
YIQ	88.9040, -41.3660, 55.8660

Conversions

Conversions Part 2

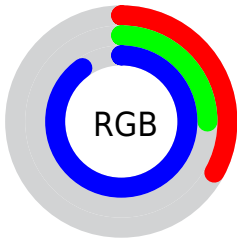
Format	Color
R_{YB}	84, 64, 230
Decimal	5521638
CIE _{Lab}	40.02, 54.79, -80.82
CIE _{LCh}	40, 97.635, 304.133
Yxy	11.2648, 0.1847, 0.1052
Android (android.graphics.Color)	4283711718 (0xFF5440E6)
YUV	88.9040, 69.5603, -4.3008
Hunter-Lab	33.5630, 46.4216, -110.7532

Details

The Hex color **5440E6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **D2E640**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9572FF**, and **000EAD** is the 20% darker color. If you saturate the color by 10%, you get **4029E6**, and if you desaturate by 10%, it is **6857E6**.

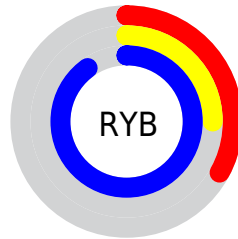
Distribution



Red (33%)

Green (25%)

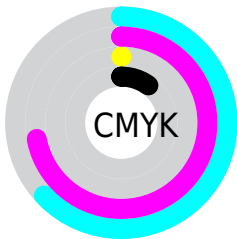
Blue (90%)



Red (33%)

Yellow (25%)

Blue (90%)

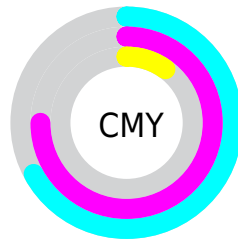


Cyan (63%)

Magenta (72%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (75%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5440E6 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 5440E6 by changing the saturation by 10% instead.

■ 5440E6

■ 5440E6

FFFFFF

■ 2C28C9

■ 9572FF

■ 000EAD

■ B48DFF

■ 000091

■ D3A8FF

■ 000077

■ F2C3FF

■ 00055D

■ FFE0FF

■ 000844

■ FFFDFF

■ 00032D

■ 000117

■ 000000

■ 5440E6

■ 5440E6

■ 4029E6

■ 6857E6

■ 2C12E6

■ 7C6EE6

■ 1C00E6

■ 9185E6

■ A59CE6

■ B9B3E6

■ CDCAE6

■ E2E1E6

■ F6F8E6

■ FFFFE6

Harmonies

Analogous

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



0068FF



5440E6



BF00A6

Triad

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



5440E6



A83A00



007A68

Complementary

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



5440E6



D2E640

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.



007704



5440E6



6A6000

Square

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



5440E6



D20006



007000



007CB8

Rectangle

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



5440E6



DA0072



007000



00794C

Sweetspot

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



5440E6



CEC7FF



40D3E6



625E80



000000



808080

Same Dimension

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



5440E6



3C21FF



A640E6



696773



1600B3



060033

Inverse Universe

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



E640D2



FF21E4



80E640



736771



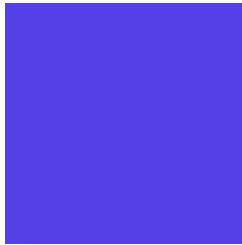
B3009D



33002D

Previews

White Background



This preview shows how the Hex color 5440E6 looks on a white background.

Color Contrast Check

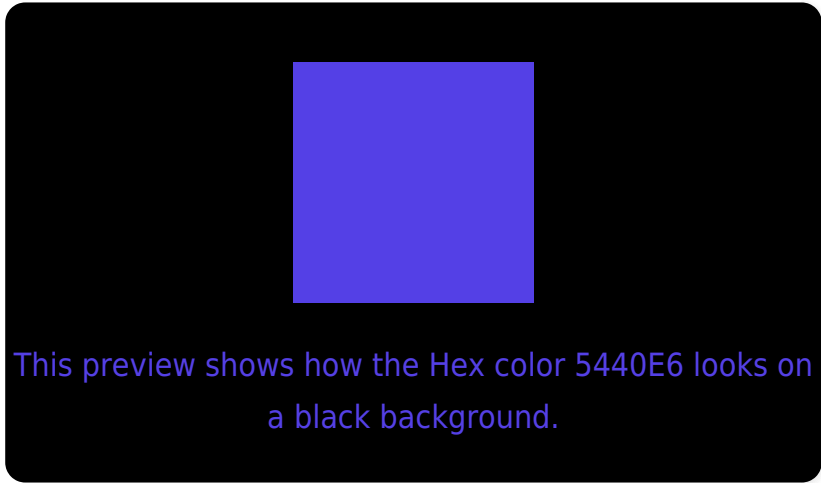
Large Text (above 18pt) WCAG AA ✓ Pass

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

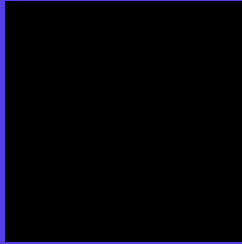
Any Text WCAG AA × Fail

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 5440E6 Background



This preview shows how black text looks on a background with the Hex color 5440E6.

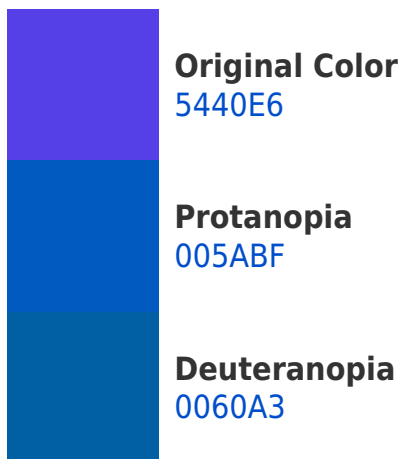


This preview shows how white text looks on a background with the Hex color 5440E6.

Color Blindness Simulation

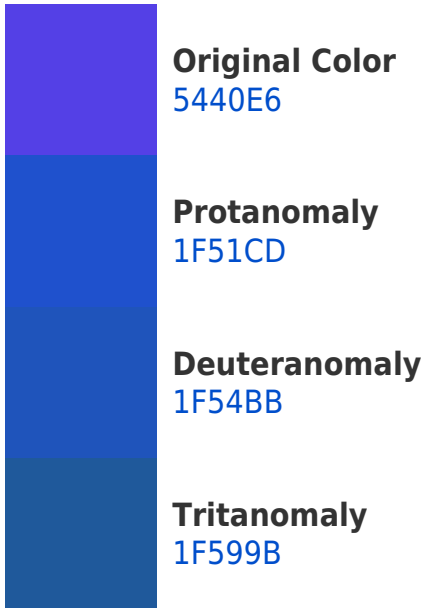
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

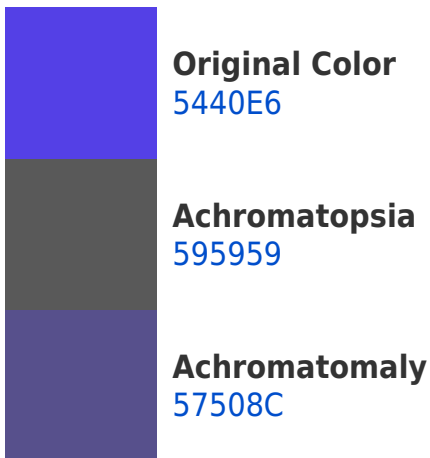




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5440E6 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 #5440E6 looks like.

```
.text, #text, p{  
  color:#5440E6  
}
```

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 #5440E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5440E6
}
```

Border

The CSS property to change the border of an element to Hex 5440E6 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".

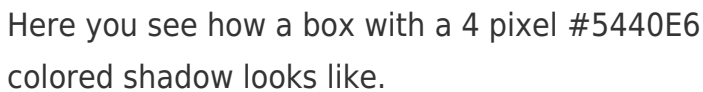
```
.border, #border, table{ border:4px solid
#5440E6 }
```

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

```
.border{ border-color:#5440E6 }
```

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

Here you see how a box with a 4 pixel #5440E6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5440E6; -webkit-box-shadow:4px 4px  
4px 4px #5440E6; box-shadow:4px 4px 4px  
4px #5440E6 }
```

Background

The CSS property to change the background color of an element to Hex 5440E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5440E6 }
```

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

```
.background{ background-color:#5440E6 }
```

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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