

Converting Colors

Hex(4562E5)

Have a look what the booklet for
Hex(4562E5) contains.

Hex(4562E5)	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(4562E5)

Conversions

Conversions Part 1

Format	Color
Hex	4562E5
RGB	69, 98, 229
RGB Percent	27%, 38%, 90%
CMY	0.7294, 0.6157, 0.1020
CMYK	0.70, 0.57, 0.00, 0.10
HSL	229°, 75%, 58%
HSV	229°, 70%, 90%
XYZ	20.9648, 15.6577, 76.0460
YIQ	104.2630, -59.3350, 34.5930

Conversions

Conversions Part 2

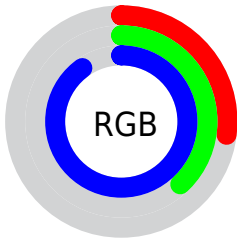
Format	Color
R _{YB}	69, 94, 229
Decimal	4547301
CIE Lab	46.52, 32.61, -69.65
CIE LCh	47, 76.906, 295.089
Yxy	15.6577, 0.1861, 0.1390
Android (android.graphics.Color)	4282737381 (0xFF4562E5)
YUV	104.2630, 61.4953, -30.9257
Hunter-Lab	39.5698, 25.3252, -86.2457

Details

The Hex color **4562E5** 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 **E5C845**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8794FF**, and **0034AC** is the 20% darker color. If you saturate the color by 10%, you get **2E4FE5**, and if you desaturate by 10%, it is **5C75E5**.

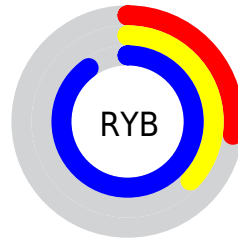
Distribution



Red (27%)

Green (38%)

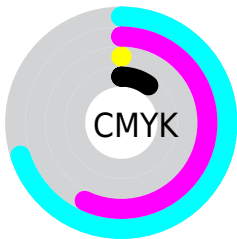
Blue (90%)



Red (27%)

Yellow (37%)

Blue (90%)

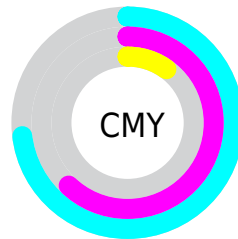


Cyan (70%)

Magenta (57%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (62%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4562E5 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 4562E5 by changing the saturation by 10% instead.

 4562E5

 4562E5

FFFFFF

 134AC8

 8794FF

 0034AC

 A6AFFF

 002091

 C5CAFF

 000F77

 E3E6FF

 00005D

 000844

 00032D

 000117

 000000

■ 4562E5

■ 4562E5

■ 2E4FE5

■ 5C75E5

■ 173DE5

■ 7387E5

■ 002AE5

■ 8A9AE5

■ A1ADE5

■ B8C0E5

■ CED2E5

■ E5E5E5

■ FCF8E5

■ FFFFE5

Harmonies

Analogous

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



007AF1



4562E5



AF3AB9

Triad

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



4562E5



BE4900



008861

Complementary

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



4562E5



E5C845

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.



008418



4562E5



8F6800

Square

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



4562E5



D9173C



517A00



0089A4

Rectangle

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



4562E5



CE1291



517A00



00874A

Sweetspot

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



4562E5



C9D3FF



45E5C8



606580



000000



808080

Same Dimension

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



4562E5



2950FF



7845E5



676973



0020B3



000933

Inverse Universe

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



E54562



FF2950



B2E545



736769



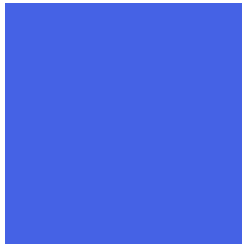
B30020



330009

Previews

White Background



This preview shows how the Hex color 4562E5 looks on a white background.

Color Contrast Check

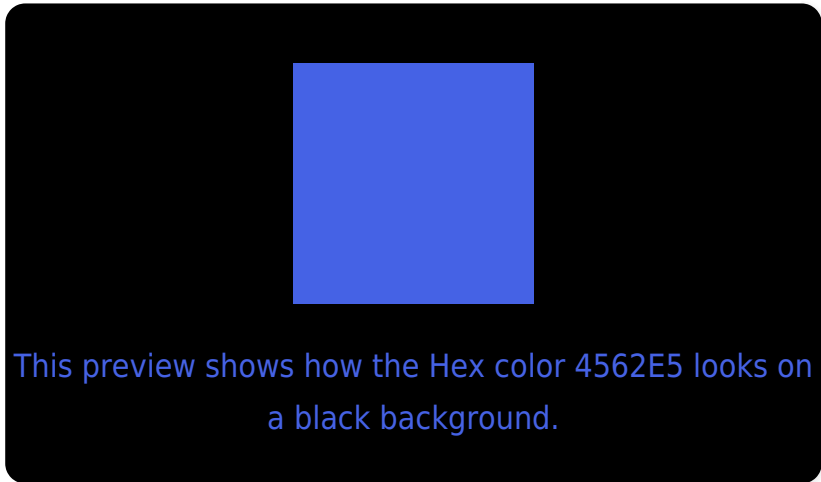
Large Text (above 18pt) WCAG AA ✓ Pass

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

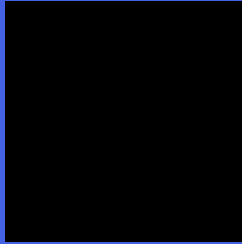
Any Text WCAG AA × Fail

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 4562E5 Background



This preview shows how black text looks on a background with the Hex color 4562E5.

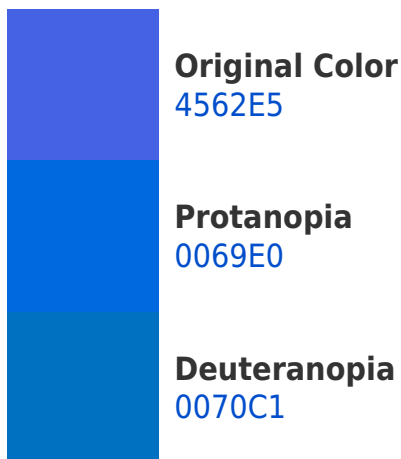


This preview shows how white text looks on a background with the Hex color 4562E5.

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](#).

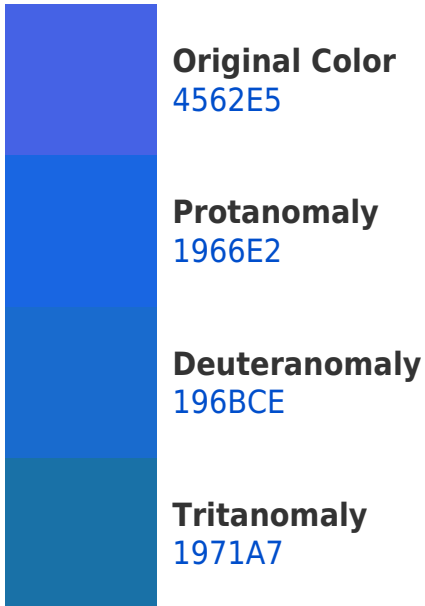
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4562E5 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 #4562E5 looks like.

```
.text, #text, p{  
    color:#4562E5  
}
```

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 #4562E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4562E5
}
```

Border

The CSS property to change the border of an element to Hex 4562E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

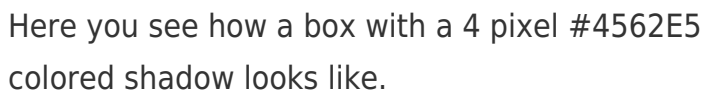
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4562E5 }
```

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

```
.border{ border-color:#4562E5 }
```

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



Here you see how a box with a 4 pixel #4562E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4562E5; -webkit-box-shadow:4px 4px  
4px 4px #4562E5; box-shadow:4px 4px 4px  
4px #4562E5 }
```

Background

The CSS property to change the background color of an element to Hex 4562E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4562E5 }
```

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

```
.background{ background-color:#4562E5 }
```

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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