

Converting Colors

Hex(456BED)

Have a look what the booklet for
Hex(456BED) contains.

Hex(456BED)	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(456BED)

Conversions

Conversions Part 1

Format	Color
Hex	456BED
RGB	69, 107, 237
RGB Percent	27%, 42%, 93%
CMY	0.7294, 0.5804, 0.0706
CMYK	0.71, 0.55, 0.00, 0.07
HSL	226°, 82%, 60%
HSV	226°, 71%, 93%
XYZ	22.9980, 17.8950, 82.3627
YIQ	110.4580, -64.3780, 32.3740

Conversions

Conversions Part 2

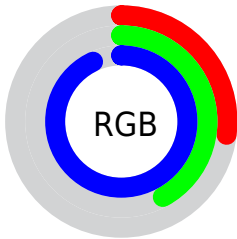
Format	Color
R _Y B	69, 100, 237
Decimal	4549613
CIE Lab	49.37, 29.81, -69.53
CIE LCh	49, 75.646, 293.206
Yxy	17.8950, 0.1866, 0.1452
Android (android.graphics.Color)	4282739693 (0xFF456BED)
YUV	110.4580, 62.3852, -36.3587
Hunter-Lab	42.3025, 23.0131, -85.8255

Details

The Hex color **456BED** 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 **EDC745**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **889EFF**, and **003DB4** is the 20% darker color. If you saturate the color by 10%, you get **2D59ED**, and if you desaturate by 10%, it is **5D7DED**.

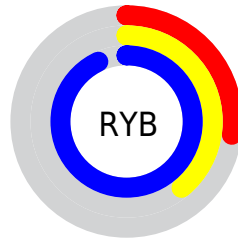
Distribution



Red (27%)

Green (42%)

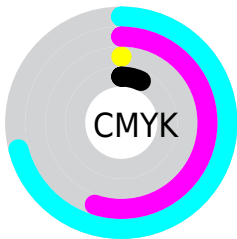
Blue (93%)



Red (27%)

Yellow (39%)

Blue (93%)

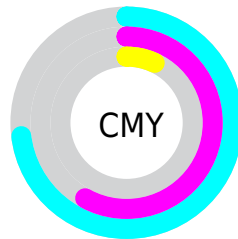


Cyan (71%)

Magenta (55%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (58%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456BED 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 456BED by changing the saturation by 10% instead.

■ 456BED

■ 456BED

FFFFFF

■ 0F53D0

■ 889EFF

■ 003DB4

■ A7B9FF

■ 002899

■ C6D4FF

■ 00167E

■ E5F1FF

■ 000064

■ 00094B

■ 000433

■ 00021D

■ 000000

 456BED

 456BED

 2D59ED

 5D7DED

 1646ED

 7490ED

 0036ED

 8CA2ED

 A4B4ED

 BBC7ED

 D3D9ED

 EBEBED

 FFFEED

 FFFFED

Harmonies

Analogous

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



0082F6



456BED



B247C3

Triad

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



456BED



C84F00



009064

Complementary

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



456BED



EDC745

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.



008B1D



456BED



9B6E00

Square

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



456BED



E12647



5F8100



0091A7

Rectangle

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



456BED



D3299C



5F8100



008E4E

Sweetspot

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



456BED



C9D6FF



45EDC6



606780



000000



808080

Same Dimension

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



456BED



2657FF



7245ED



6A6C75



0029B5



000C36

Inverse Universe

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



ED456B



FF2657



C0ED45



756A6C



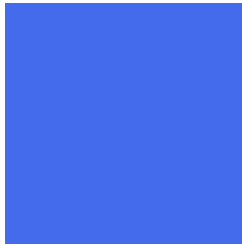
B50029



36000C

Previews

White Background



This preview shows how the Hex color 456BED looks on a white background.

Color Contrast Check

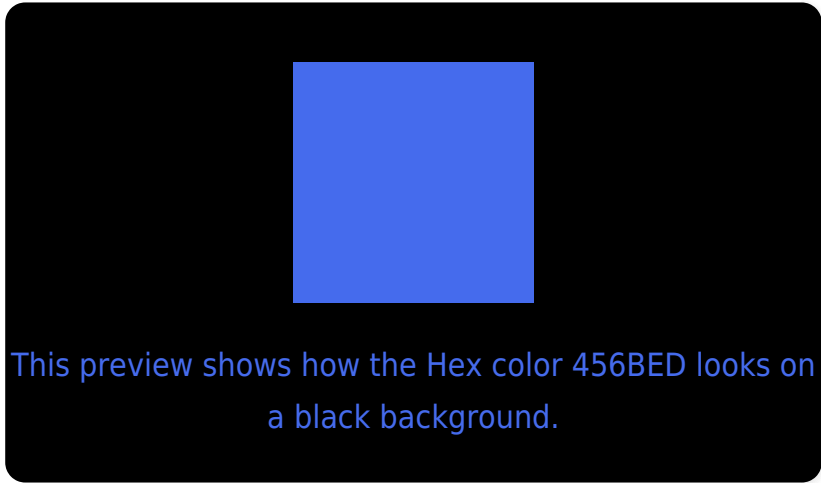
Large Text (above 18pt) WCAG AA ✓ Pass

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

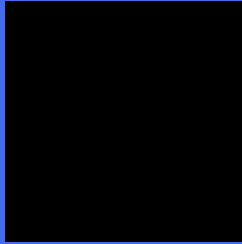
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 456BED Background



This preview shows how black text looks on a background with the Hex color 456BED.

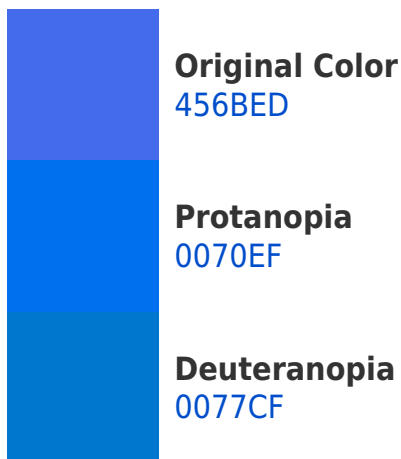


This preview shows how white text looks on a background with the Hex color 456BED.

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](#).

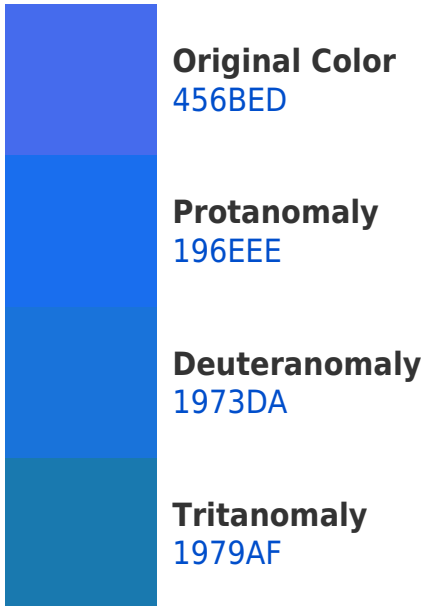
Dichromacy





Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 456BED 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 #456BED looks like.

```
.text, #text, p{  
    color:#456BED  
}
```

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 #456BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456BED
}
```

Border

The CSS property to change the border of an element to Hex 456BED is called "border". The border property can be set on classes, ids or directly on the HTML element.

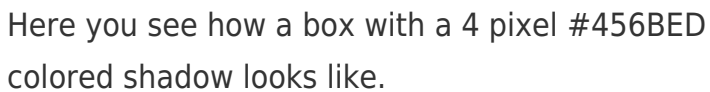
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#456BED }
```

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

```
.border{ border-color:#456BED }
```

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



Here you see how a box with a 4 pixel #456BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456BED; -webkit-box-shadow:4px 4px  
4px 4px #456BED; box-shadow:4px 4px 4px  
4px #456BED }
```

Background

The CSS property to change the background color of an element to Hex 456BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456BED }
```

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

```
.background{ background-color:#456BED }
```

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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