

Converting Colors

Hex(4556B9)

Have a look what the booklet for
Hex(4556B9) contains.

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Color

Hex(4556B9)

Conversions

Conversions Part 1

Format	Color
Hex	4556B9
RGB	69, 86, 185
RGB Percent	27%, 34%, 73%
CMY	0.7294, 0.6627, 0.2745
CMYK	0.63, 0.54, 0.00, 0.27
HSL	231°, 46%, 50%
HSV	231°, 63%, 73%
XYZ	14.5390, 11.4236, 47.3376
YIQ	92.2030, -41.9110, 27.1850

Conversions

Conversions Part 2

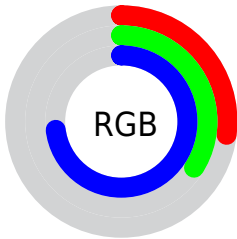
Format	Color
R_{YB}	69, 84, 185
Decimal	4544185
CIE _{Lab}	40.28, 24.80, -54.47
CIE _{LCh}	40, 59.847, 294.478
Yxy	11.4236, 0.1983, 0.1558
Android (android.graphics.Color)	4282734265 (0xFF4556B9)
YUV	92.2030, 45.7489, -20.3490
Hunter-Lab	33.7988, 17.6363, -59.3808

Details

The Hex color **4556B9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9A845**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8087F2**, and **002983** is the 20% darker color. If you saturate the color by 10%, you get **3346B9**, and if you desaturate by 10%, it is **5766B9**.

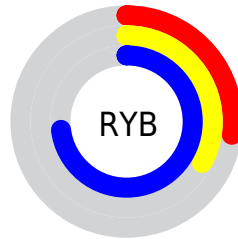
Distribution



Red (27%)

Green (34%)

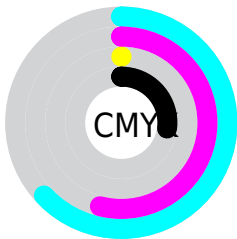
Blue (73%)



Red (27%)

Yellow (33%)

Blue (73%)

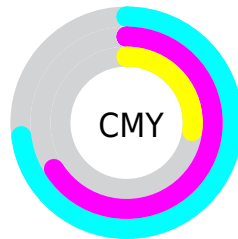


Cyan (63%)

Magenta (54%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (66%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4556B9 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 4556B9 by changing the saturation by 10% instead.

 4556B9

 4556B9

FFFFFF

 223F9E

 8087F2

 002983

 9DA2FF

 001669

 BABDFF

 000050

 D7D8FF

 000538

 F5F5FF

 000222

 000008

 000000

 4556B9

 4556B9

■ 3346B9

■ 5766B9

■ 2036B9

■ 6A76B9

■ 0D27B9

■ 7D85B9

■ 001BB9

■ 8F95B9

■ A2A5B9

■ B4B5B9

■ C6C5B9

■ D9D4B9

■ EBE4B9

Harmonies

Analogous

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



0068C1



4556B9



903C99

Triad

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



4556B9



9E4407



007454

Complementary

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



4556B9



B9A845

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.



007020



4556B9



7B5A00

Square

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



4556B9



B22A3A



4D6800



007486

Rectangle

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



4556B9



A82A7A



4D6800



007343

Sweetspot

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



4556B9



C2C9F0



45B9A8



5C6078



F7F7F7



787878

Same Dimension

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



4556B9



3C56F0



6E45B9



53545C



00179C



00041C

Inverse Universe

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



B94556



F03C56



90B945



5C5354



9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 4556B9 looks on a white background.

Color Contrast Check

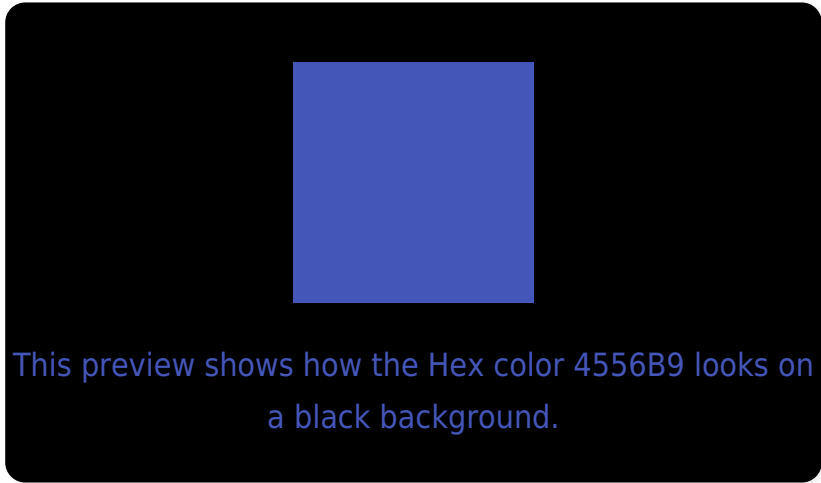
Large Text (above 18pt) WCAG AA ✓ Pass

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

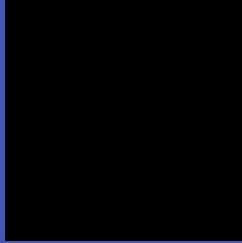
Any Text WCAG AA × Fail

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 4556B9 Background



This preview shows how black text looks on a background with the Hex color 4556B9.

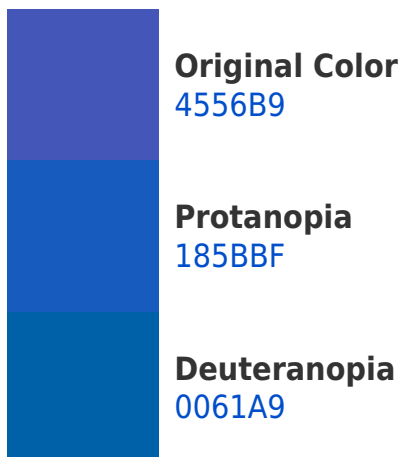


This preview shows how white text looks on a background with the Hex color 4556B9.

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](#).

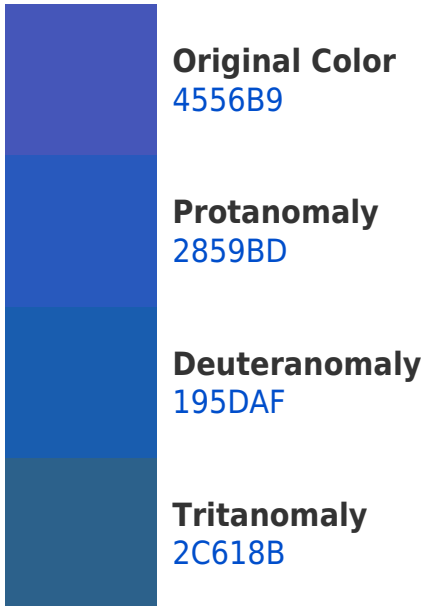
Dichromacy



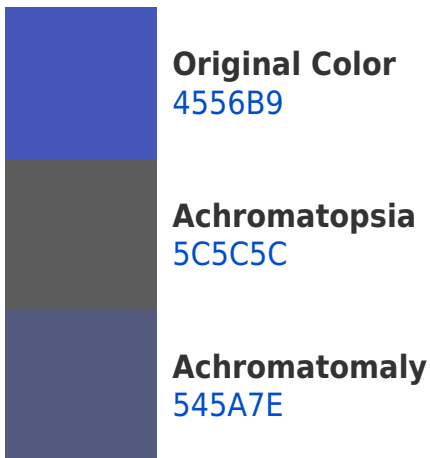


Tritanopia
1D6871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4556B9 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 #4556B9 looks like.

```
.text, #text, p{  
    color:#4556B9  
}
```

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 #4556B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4556B9
}
```

Border

The CSS property to change the border of an element to Hex 4556B9 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
#4556B9 }
```

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

```
.border{ border-color:#4556B9 }
```

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

Here you see how a box with a 4 pixel #4556B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4556B9; -webkit-box-shadow:4px 4px  
4px 4px #4556B9; box-shadow:4px 4px 4px  
4px #4556B9 }
```

Background

The CSS property to change the background color of an element to Hex 4556B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4556B9 }
```

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

```
.background{ background-color:#4556B9 }
```

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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