

Converting Colors

Hex(5161AF)

Have a look what the booklet for
Hex(5161AF) contains.

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Color

Hex(5161AF)

Conversions

Conversions Part 1

Format	Color
Hex	5161AF
RGB	81, 97, 175
RGB Percent	32%, 38%, 69%
CMY	0.6824, 0.6196, 0.3137
CMYK	0.54, 0.45, 0.00, 0.31
HSL	230°, 37%, 50%
HSV	230°, 54%, 69%
XYZ	15.4059, 13.3939, 42.3307
YIQ	101.1080, -34.5740, 20.8660

Conversions

Conversions Part 2

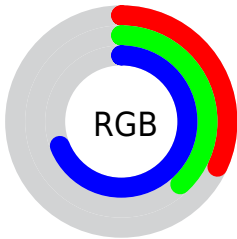
Format	Color
R_{YB}	81, 95, 175
Decimal	5333423
CIE _{Lab}	43.35, 16.79, -43.64
CIE _{LCh}	43, 46.761, 291.049
Yxy	13.3939, 0.2166, 0.1883
Android (android.graphics.Color)	4283523503 (0xFF5161AF)
YUV	101.1080, 36.4288, -17.6347
Hunter-Lab	36.5976, 11.0943, -42.9596

Details

The Hex color **5161AF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AF9F51**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8893E7**, and **11337A** is the 20% darker color. If you saturate the color by 10%, you get **4052AF**, and if you desaturate by 10%, it is **6270AF**.

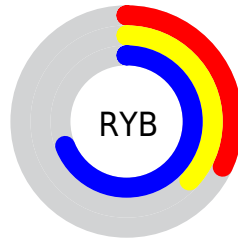
Distribution



Red (32%)

Green (38%)

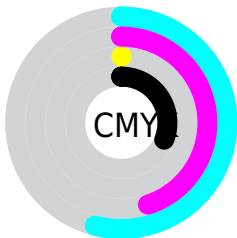
Blue (69%)



Red (32%)

Yellow (37%)

Blue (69%)

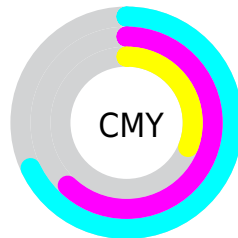


Cyan (54%)

Magenta (45%)

Yellow (0%)

Black (31%)



Cyan (68%)

Magenta (62%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5161AF 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 5161AF by changing the saturation by 10% instead.

■ 5161AF

■ 5161AF

FFFFFF

■ 344994

■ 8893E7

■ 11337A

■ A4AEFF

■ 001F61

■ C1C9FF

■ 000748

■ DEE5FF

■ 000431

■ FBFFFF

■ 00011B

■ 000000

■ 5161AF

■ 5161AF

■ 4052AF

■ 6270AF

■ 2E44AF

■ 747EAF

■ 1C35AF

■ 868DAF

■ 0B27AF

■ 979BAF

■ 001EAF

■ A9AAAF

■ BAB8AF

■ CBC7AF

■ DDD5AF

■ EEE4AF

Harmonies

Analogous

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



006EB3



5161AF



8A5098

Triad

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



5161AF



9F512B



007859

Complementary

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



5161AF



AF9F51

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.



2F7433



5161AF



846012

Square

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



5161AF



AC434D



606D15



007981

Rectangle

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



5161AF



A04680



606D15



00774C

Sweetspot

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



5161AF



BFC5E3



51AF9E



5D6173



F2F2F2



737373

Same Dimension

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



5161AF



526AE3



6F51AF



4E5057



001A96



000417

Inverse Universe

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



AF5161



E3526A



91AF51



574E50



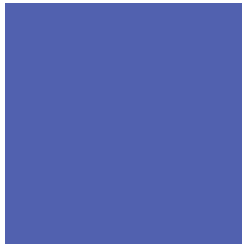
96001A



170004

Previews

White Background



This preview shows how the Hex color 5161AF looks on a white background.

Color Contrast Check

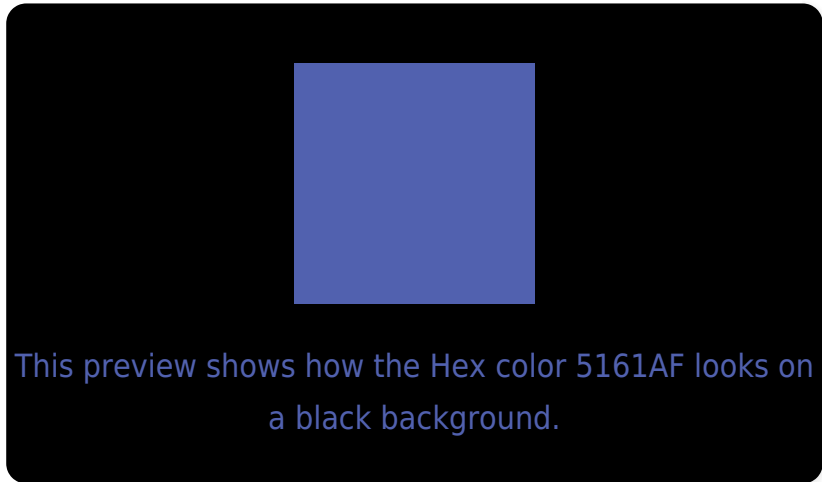
Large Text (above 18pt) WCAG AA ✓ Pass

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

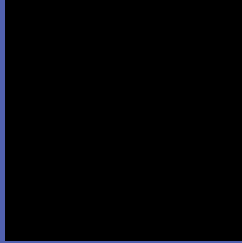
Any Text WCAG AA × Fail

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 5161AF Background



This preview shows how black text looks on a background with the Hex color 5161AF.



This preview shows how white text looks on a background with the Hex color 5161AF.

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



Original Color
5161AF

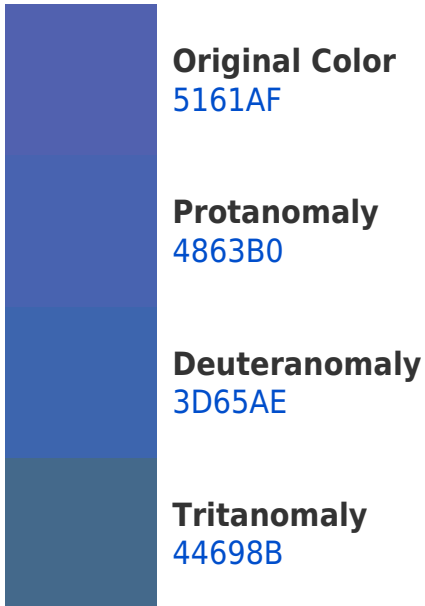
Protanopia
4364B1

Deuteranopia
3267AE



Tritanopia
3D6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5161AF 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 #5161AF looks like.

```
.text, #text, p{  
    color:#5161AF  
}
```

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 #5161AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5161AF
}
```

Border

The CSS property to change the border of an element to Hex 5161AF 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".

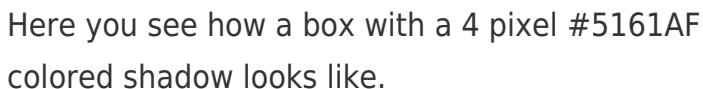
```
.border, #border, table{ border:4px solid
#5161AF }
```

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

```
.border{ border-color:#5161AF }
```

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

Here you see how a box with a 4 pixel #5161AF 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 #5161AF; -webkit-box-shadow:4px 4px  
4px 4px #5161AF; box-shadow:4px 4px 4px  
4px #5161AF }
```

Background

The CSS property to change the background color of an element to Hex 5161AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5161AF }
```

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

```
.background{ background-color:#5161AF }
```

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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