

Converting Colors

Hex(4153AF)

Have a look what the booklet for
Hex(4153AF) contains.

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Color

Hex(4153AF)

Conversions

Conversions Part 1

Format	Color
Hex	4153AF
RGB	65, 83, 175
RGB Percent	25%, 33%, 69%
CMY	0.7451, 0.6745, 0.3137
CMYK	0.63, 0.53, 0.00, 0.31
HSL	230°, 46%, 47%
HSV	230°, 63%, 69%
XYZ	13.0111, 10.4055, 41.8801
YIQ	88.1060, -40.2600, 24.7960

Conversions

Conversions Part 2

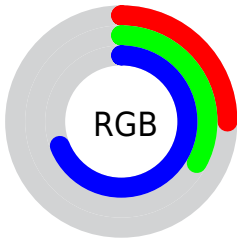
Format	Color
R_{YB}	65, 80, 175
Decimal	4281263
CIE _{Lab}	38.56, 22.51, -51.38
CIE _{LCh}	39, 56.096, 293.662
Yxy	10.4055, 0.1993, 0.1594
Android (android.graphics.Color)	4282471343 (0xFF4153AF)
YUV	88.1060, 42.8387, -20.2640
Hunter-Lab	32.2575, 15.5474, -54.3963

Details

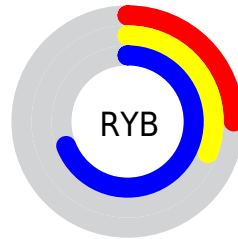
The Hex color **4153AF** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AF9D41**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7B84E7**, and **00277A** is the 20% darker color. If you saturate the color by 10%, you get **2F44AF**, and if you desaturate by 10%, it is **5362AF**.

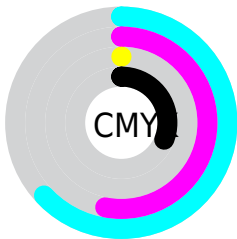
Distribution



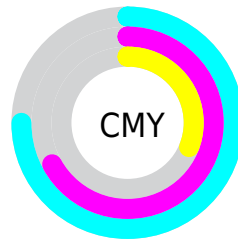
- Red (25%)
- Green (33%)
- Blue (69%)



- Red (25%)
- Yellow (31%)
- Blue (69%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4153AF 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 4153AF by changing the saturation by 10% instead.

■ 4153AF

FFFFFF

■ 7B84E7

■ 989EFF

■ B4B9FF

■ D2D5FF

■ EFF1FF

■ 4153AF

■ 2F44AF

■ 4153AF

■ 1E3C94

■ 00277A

■ 001460

■ 000048

■ 000430

■ 00011B

■ 000000

■ 4153AF

■ 5362AF

■ 1E36AF

■ 6470AF

■ 0C27AF

■ 767FAF

■ 001DAF

■ 878EAF

■ 999CAF

■ AAABAF

■ BBB9AF

■ CDC8AF

■ DFD7AF

Harmonies

Analogous

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



0063B6



4153AF



873C91

Triad

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



4153AF



97410C



006E4F

Complementary

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



4153AF



AF9D41

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.



006B1F



4153AF



765500

Square

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



4153AF



A92B39



4C6300



006F7E

Rectangle

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



4153AF



9F2C76



4C6300



006D3F

Sweetspot

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



4153AF



B8BFE3



41AF9D



585D73



F2F2F2



737373

Same Dimension

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



4153AF



3955E3



6641AF



4E4F57



001996



000417

Inverse Universe

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



AF4153



E33955



8AAF41



574E4F



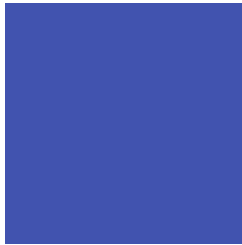
960019



170004

Previews

White Background



This preview shows how the Hex color 4153AF looks on a white background.

Color Contrast Check

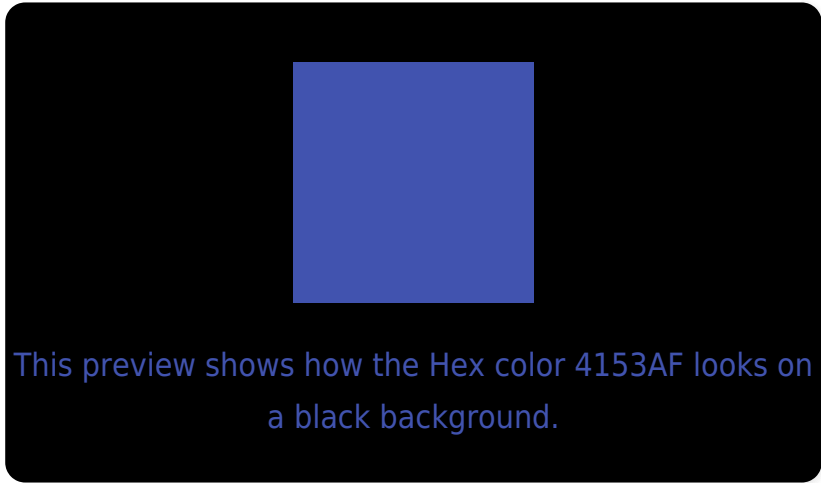
Large Text (above 18pt) WCAG AA ✓ Pass

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

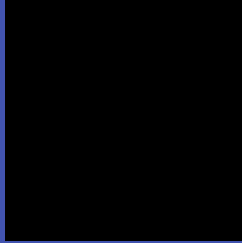
Any Text WCAG AA × Fail

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 4153AF Background



This preview shows how black text looks on a background with the Hex color 4153AF.

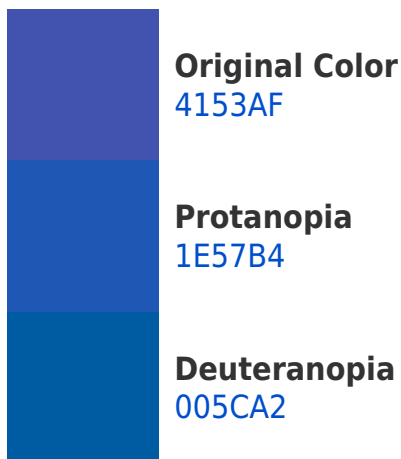



This preview shows how white text looks on a background with the Hex color 4153AF.

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](#).

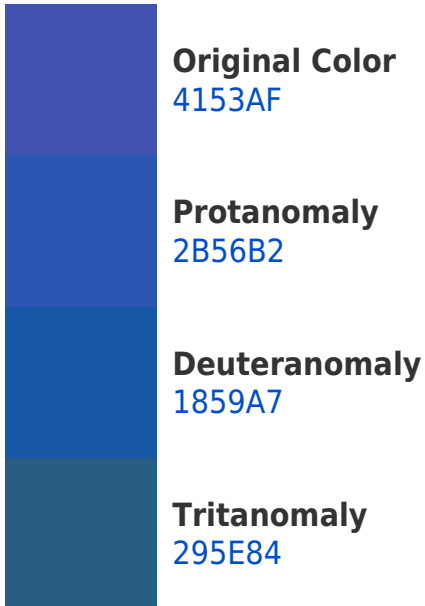
Dichromacy





Tritanopia
1C646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4153AF 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 #4153AF looks like.

```
.text, #text, p{  
    color:#4153AF  
}
```

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 #4153AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4153AF
}
```

Border

The CSS property to change the border of an element to Hex 4153AF 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
#4153AF }
```

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

```
.border{ border-color:#4153AF }
```

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

Here you see how a box with a 4 pixel #4153AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4153AF; -webkit-box-shadow:4px 4px  
4px 4px #4153AF; box-shadow:4px 4px 4px  
4px #4153AF }
```

Background

The CSS property to change the background color of an element to Hex 4153AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4153AF }
```

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

```
.background{ background-color:#4153AF }
```

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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