

Converting Colors

Hex(155FAA)

Have a look what the booklet for
Hex(155FAA) contains.

Hex(155FAA)	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(155FAA)

Conversions

Conversions Part 1

Format	Color
Hex	155FAA
RGB	21, 95, 170
RGB Percent	8%, 37%, 67%
CMY	0.9176, 0.6275, 0.3333
CMYK	0.88, 0.44, 0.00, 0.33
HSL	210°, 78%, 37%
HSV	210°, 88%, 67%
XYZ	11.6572, 11.2461, 39.5865
YIQ	81.4240, -68.1790, 7.6370

Conversions

Conversions Part 2

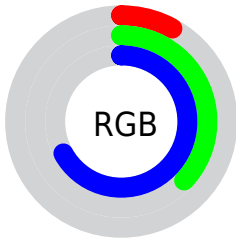
Format	Color
R_{YB}	21, 70, 170
Decimal	1400746
CIE _{Lab}	39.99, 7.08, -46.21
CIE _{LCh}	40, 46.745, 278.707
Yxy	11.2461, 0.1865, 0.1800
Android (android.graphics.Color)	4279590826 (0xFF155FAA)
YUV	81.4240, 43.6680, -52.9918
Hunter-Lab	33.5352, 3.3616, -46.5139

Details

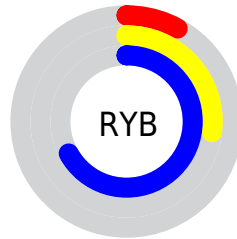
The Hex color **155FAA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA6015**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5F91E2**, and **003275** is the 20% darker color. If you saturate the color by 10%, you get **0456AA**, and if you desaturate by 10%, it is **2668AA**.

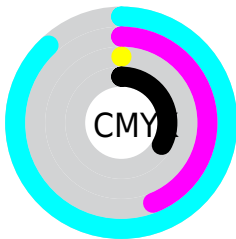
Distribution



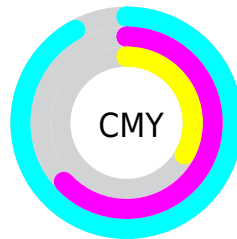
- Red (8%)
- Green (37%)
- Blue (67%)



- Red (8%)
- Yellow (27%)
- Blue (67%)



- Cyan (88%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 155FAA 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 155FAA by changing the saturation by 10% instead.

■ 155FAA

■ 155FAA

FFFFFF

■ 00488F

■ 5F91E2

■ 003275

■ 7CABFF

■ 001E5C

■ 9AC6FF

■ 000244

■ B7E2FF

■ 00032D

■ D5FFFF

■ 000117

■ F3FFFF

■ 000000

■ 155FAA

■ 155FAA

■ 0456AA

■ 2668AA

■ 0054AA

■ 3770AA

■ 4879AA

■ 5981AA

■ 6A8AAA

■ 7B92AA

■ 8C9BAA

■ 9DA3AA

■ AEACAA

Harmonies

Analogous

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



006AA5



155FAA



6E4F9A

Triad

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



155FAA



9D4230



006E41

Complementary

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



155FAA



AA6015

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.



3E691D



155FAA



875211

Square

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



155FAA



A33855



676003



007069

Rectangle

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



155FAA



8A4386



676003



096D34

Sweetspot

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



155FAA



A4C1DE



15AA5F



4D5F70



F0F0F0



707070

Same Dimension

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



155FAA



006EDE



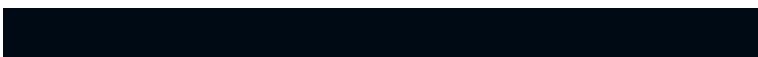
1515AA



4C5054



004994



000A14

Inverse Universe

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



AA155F



DE006E



AAAA15



544C50



940049



14000A

Previews

White Background



This preview shows how the Hex color 155FAA looks on a white background.

Color Contrast Check

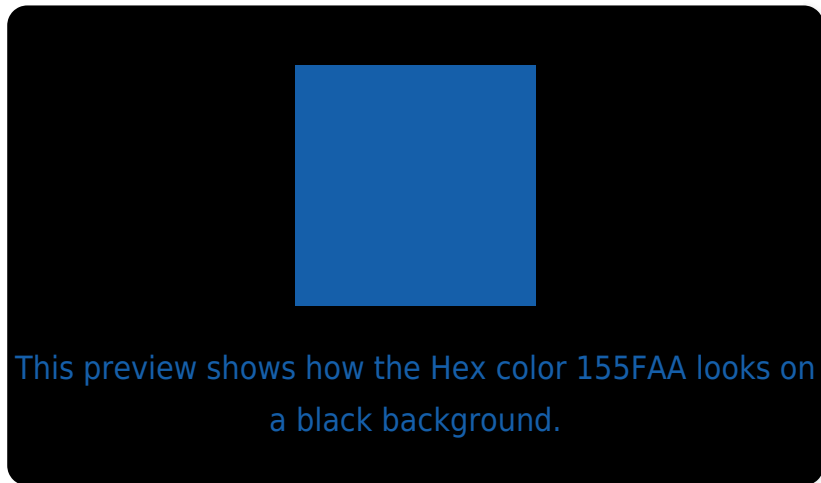
Large Text (above 18pt) WCAG AA ✓ Pass

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

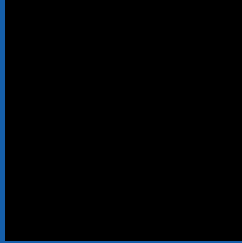
Any Text WCAG AA × Fail

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 155FAA Background



This preview shows how black text looks on a background with the Hex color 155FAA.

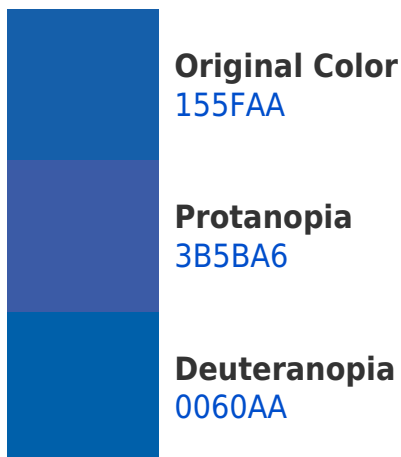


This preview shows how white text looks on a background with the Hex color 155FAA.

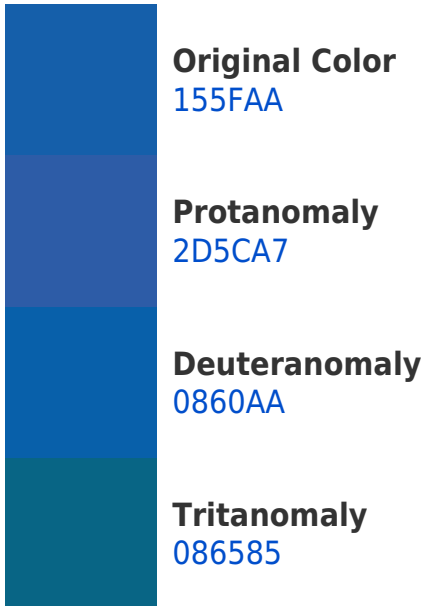
Color Blindness Simulation

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](#).

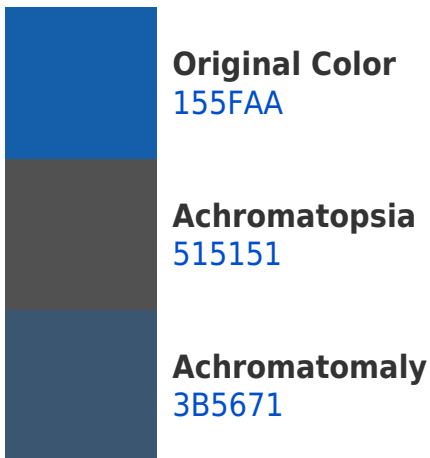
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 155FAA 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 #155FAA looks like.

```
.text, #text, p{  
    color:#155FAA  
}
```

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 #155FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #155FAA
}
```

Border

The CSS property to change the border of an element to Hex 155FAA 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
#155FAA }
```

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

```
.border{ border-color:#155FAA }
```

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

Here you see how a box with a 4 pixel #155FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #155FAA; -webkit-box-shadow:4px 4px  
4px 4px #155FAA; box-shadow:4px 4px 4px  
4px #155FAA }
```

Background

The CSS property to change the background color of an element to Hex 155FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#155FAA }
```

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

```
.background{ background-color:#155FAA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor