

Converting Colors

Hex(356FAD)

Have a look what the booklet for
Hex(356FAD) contains.

Hex(356FAD)	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(356FAD)

Conversions

Conversions Part 1

Format	Color
Hex	356FAD
RGB	53, 111, 173
RGB Percent	21%, 44%, 68%
CMY	0.7922, 0.5647, 0.3216
CMYK	0.69, 0.36, 0.00, 0.32
HSL	211°, 53%, 44%
HSV	211°, 69%, 68%
XYZ	14.6955, 15.1429, 41.6835
YIQ	100.7260, -54.4700, 6.9860

Conversions

Conversions Part 2

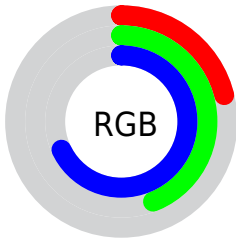
Format	Color
R_{YB}	53, 92, 173
Decimal	3501997
CIE _{Lab}	45.83, 1.85, -38.62
CIE _{LCh}	46, 38.664, 272.750
Yxy	15.1429, 0.2055, 0.2117
Android (android.graphics.Color)	4281692077 (0xFF356FAD)
YUV	100.7260, 35.6311, -41.8557
Hunter-Lab	38.9139, -0.6904, -36.2702

Details

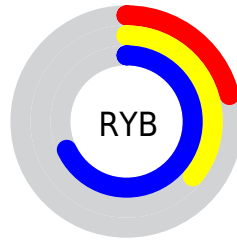
The Hex color **356FAD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD7335**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **71A2E5**, and **004078** is the 20% darker color. If you saturate the color by 10%, you get **2466AD**, and if you desaturate by 10%, it is **4678AD**.

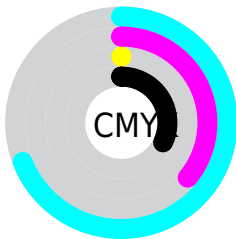
Distribution



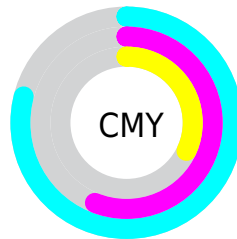
- Red (21%)
- Green (44%)
- Blue (68%)



- Red (21%)
- Yellow (36%)
- Blue (68%)



- Cyan (69%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (79%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356FAD 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 356FAD by changing the saturation by 10% instead.

■ 356FAD

■ 356FAD

FFFFFF

■ 075792

■ 71A2E5

■ 004078

■ 8EBDFF

■ 002A5F

■ AAD9FF

■ 001647

■ C7F5FF

■ 000430

■ E5FFFF

■ 00011A

■ 000000

■ 356FAD

■ 356FAD

■ 2466AD

■ 4678AD

■ 125DAD

■ 5881AD

■ 0154AD

■ 698AAD

■ 0054AD

■ 7A93AD

■ 8C9CAD

■ 9DA5AD

■ AEAEAD

■ BFB7AD

■ D1BFAD

Harmonies

Analogous

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



0078A5



356FAD



7263A3

Triad

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



356FAD



A6554B



2E7A4E

Complementary

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



356FAD



AD7335

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.



5B7534



356FAD



976033

Square

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



356FAD



A8516B



7C6C29



007D6F

Rectangle

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



356FAD



8D5A94



7C6C29



407944

Sweetspot

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



356FAD



B1C8E0



35AD73



546270



F0F0F0



707070

Same Dimension

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



356FAD



2680E0



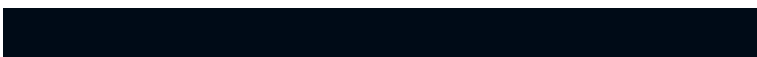
3735AD



4E5257



004996



000B17

Inverse Universe

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



AD356F



E02680



ABAD35



574E52



960049



17000B

Previews

White Background



This preview shows how the Hex color 356FAD looks on a white background.

Color Contrast Check

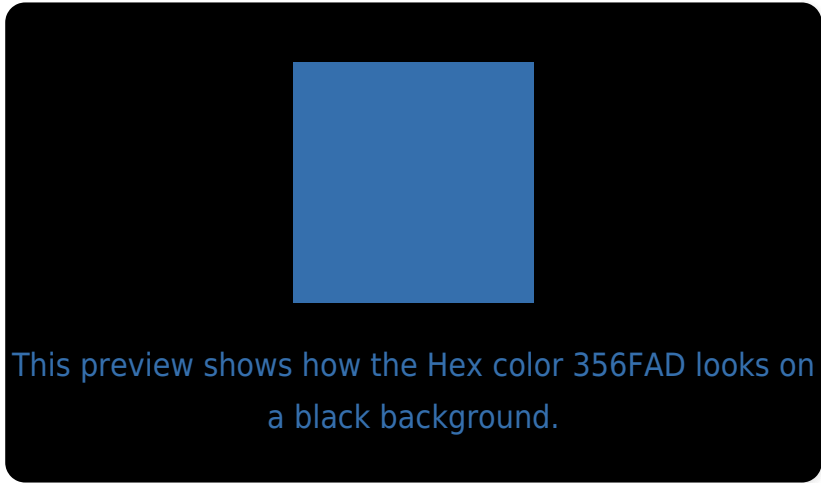
Large Text (above 18pt) WCAG AA ✓ Pass

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

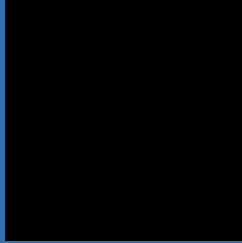
Any Text WCAG AA × Fail

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 356FAD Background



This preview shows how black text looks on a background with the Hex color 356FAD.

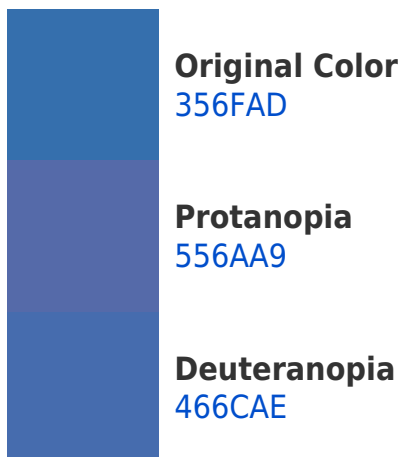


This preview shows how white text looks on a background with the Hex color 356FAD.

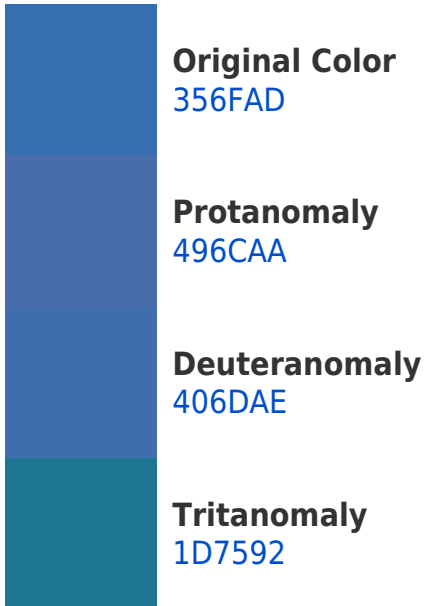
Color Blindness Simulation

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](#).

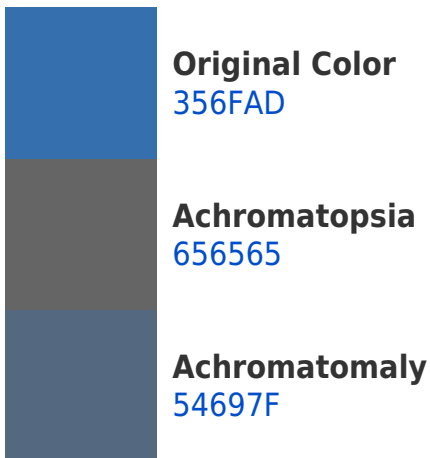
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 356FAD 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 #356FAD looks like.

```
.text, #text, p{  
    color:#356FAD  
}
```

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 #356FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356FAD
}
```

Border

The CSS property to change the border of an element to Hex 356FAD 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
#356FAD }
```

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

```
.border{ border-color:#356FAD }
```

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

Here you see how a box with a 4 pixel #356FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356FAD; -webkit-box-shadow:4px 4px  
4px 4px #356FAD; box-shadow:4px 4px 4px  
4px #356FAD }
```

Background

The CSS property to change the background color of an element to Hex 356FAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356FAD }
```

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

```
.background{ background-color:#356FAD }
```

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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