

Converting Colors

Hex(656AAF)

Have a look what the booklet for
Hex(656AAF) contains.

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Color

Hex(656AAF)

Conversions

Conversions Part 1

Format	Color
Hex	656AAF
RGB	101, 106, 175
RGB Percent	40%, 42%, 69%
CMY	0.6039, 0.5843, 0.3137
CMYK	0.42, 0.39, 0.00, 0.31
HSL	236°, 32%, 54%
HSV	236°, 42%, 69%
XYZ	18.2587, 16.1699, 42.7162
YIQ	112.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

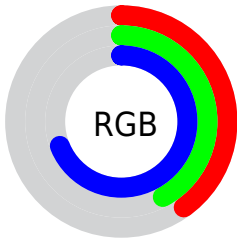
Format	Color
RYB	101, 106, 175
Decimal	6646447
CIELab	47.20, 16.10, -37.45
CIELCh	47, 40.766, 293.265
Yxy	16.1699, 0.2367, 0.2096
Android (android.graphics.Color)	4284836527 (0xFF656AAF)
YUV	112.3710, 30.8761, -9.9724
Hunter-Lab	40.2118, 10.6796, -34.8343

Details

The Hex color **656AAF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AFAA65**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **9B9DE7**, and **303B7A** is the 20% darker color. If you saturate the color by 10%, you get **545AAF**, and if you desaturate by 10%, it is **777AAF**.

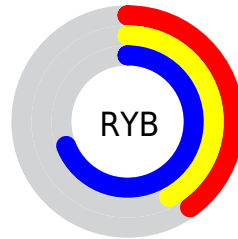
Distribution



Red (40%)

Green (42%)

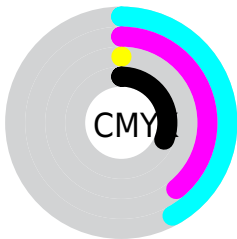
Blue (69%)



Red (40%)

Yellow (42%)

Blue (69%)

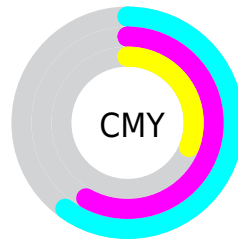


Cyan (42%)

Magenta (39%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656AAF 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 656AAF by changing the saturation by 10% instead.



656AAF



656AAF

FFFFFF



4B5294



9B9DE7



303B7A



B7B8FF



112661



D3D4FF



001249



F0F0FF



000132



00011C



000000



656AAF



656AAF



545AAF



777AAF

■ 4249AF

■ 888BAF

■ 3139AF

■ 9A9BAF

■ 1F29AF

■ ABABAF

■ 0E18AF

■ BDBCAF

■ 000CAF

■ CECCAF

■ E0DCAF

■ F1EDAF

■ FFFDAF

Harmonies

Analogous

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



0076B4



656AAF



935C99

Triad

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



656AAF



A35F3A



008167

Complementary

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



656AAF



AF6A65

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.



3F7D45



656AAF



8A6B29

Square

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



656AAF



AF5457



69762D



00818A

Rectangle

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



656AAF



A55585



69762D



07805B

Sweetspot

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



656AAF



C5C7E3



65AFA9



606273



F2F2F2



737373

Same Dimension

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



656AAF



6F77E3



8465AF



4E4F57



000A96



000217

Inverse Universe

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



AF656A



E36F77



90AF65



574E4F



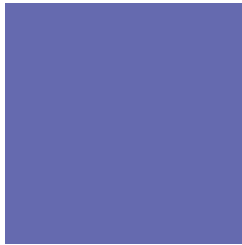
96000A



170002

Previews

White Background



This preview shows how the Hex color 656AAF looks on a white background.

Color Contrast Check

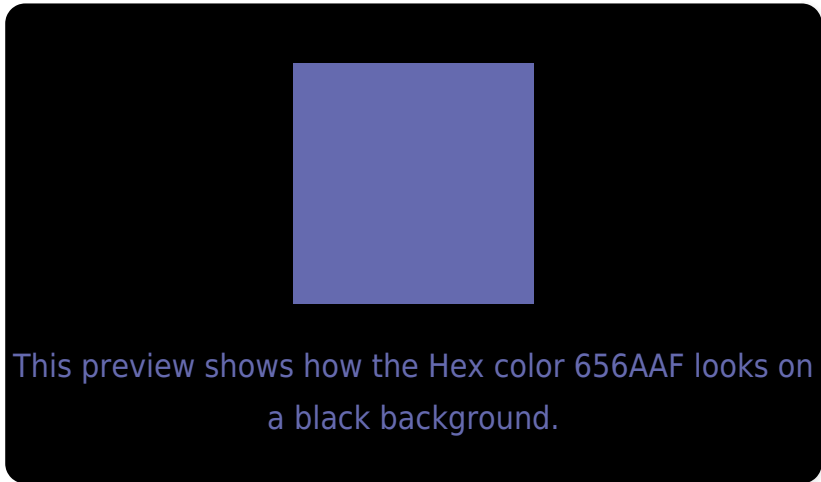
Large Text (above 18pt) WCAG AA ✓ Pass

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 656AAF Background



This preview shows how black text looks on a background with the Hex color 656AAF.

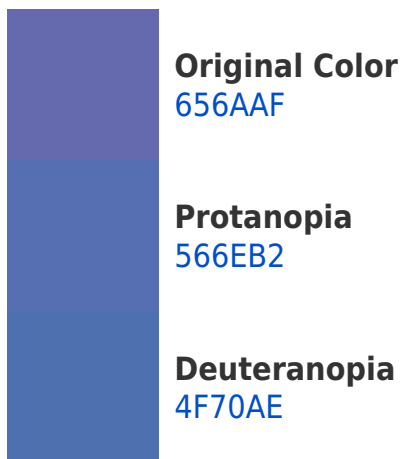


This preview shows how white text looks on a background with the Hex color 656AAF.

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](#).

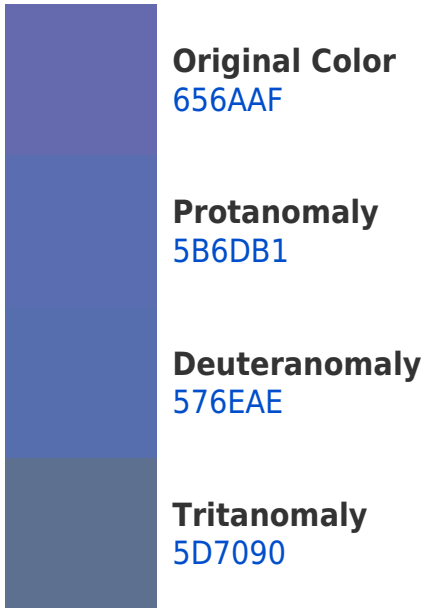
Dichromacy





Tritanopia
58747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 656AAF 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 #656AAF looks like.

```
.text, #text, p{  
    color:#656AAF  
}
```

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 #656AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656AAF
}
```

Border

The CSS property to change the border of an element to Hex 656AAF 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
#656AAF }
```

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

```
.border{ border-color:#656AAF }
```

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

Here you see how a box with a 4 pixel #656AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656AAF; -webkit-box-shadow:4px 4px  
4px 4px #656AAF; box-shadow:4px 4px 4px  
4px #656AAF }
```

Background

The CSS property to change the background color of an element to Hex 656AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656AAF }
```

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

```
.background{ background-color:#656AAF }
```

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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