

Converting Colors

Hex(5566AD)

Have a look what the booklet for
Hex(5566AD) contains.

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Color

Hex(5566AD)

Conversions

Conversions Part 1

Format	Color
Hex	5566AD
RGB	85, 102, 173
RGB Percent	33%, 40%, 68%
CMY	0.6667, 0.6000, 0.3216
CMYK	0.51, 0.41, 0.00, 0.32
HSL	228°, 35%, 51%
HSV	228°, 51%, 68%
XYZ	16.0405, 14.4512, 41.4791
YIQ	105.0110, -32.9230, 18.4770

Conversions

Conversions Part 2

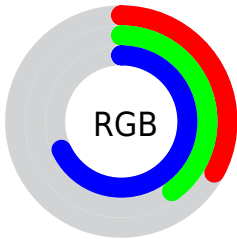
Format	Color
R _Y B	85, 99, 173
Decimal	5596845
CIE Lab	44.87, 13.93, -40.03
CIE LCh	45, 42.383, 289.182
Yxy	14.4512, 0.2229, 0.2008
Android (android.graphics.Color)	4283786925 (0xFF5566AD)
YUV	105.0110, 33.5186, -17.5496
Hunter-Lab	38.0147, 8.7934, -38.0830

Details

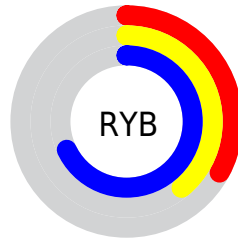
The Hex color **5566AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD9C55**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8C99E5**, and **1A3878** is the 20% darker color. If you saturate the color by 10%, you get **4458AD**, and if you desaturate by 10%, it is **6674AD**.

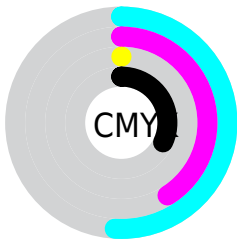
Distribution



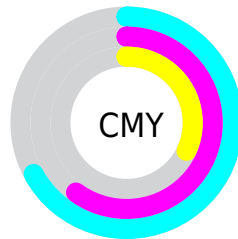
- Red (33%)
- Green (40%)
- Blue (68%)



- Red (33%)
- Yellow (39%)
- Blue (68%)



- Cyan (51%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



- Cyan (67%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5566AD 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 5566AD by changing the saturation by 10% instead.

■ 5566AD

■ 5566AD

FFFFFF

■ 394E92

■ 8C99E5

■ 1A3878

■ A7B3FF

■ 00235F

■ C4CFFF

■ 000E47

■ E1EBFF

■ 000430

FEFFFF

■ 00011A

■ 000000

■ 5566AD

■ 5566AD

■ 4458AD

■ 6674AD

■ 324AAD

■ 7882AD

■ 213CAD

■ 8990AD

■ 102EAD

■ 9A9EAD

■ 0021AD

■ ABACAD

■ BDBAAD

■ CEC8AD

■ DFD6AD

■ F1E4AD

Harmonies

Analogous

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



0072AF



5566AD



895799

Triad

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



5566AD



A05636



007B5C

Complementary

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



5566AD



AD9C55

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.



3E773A



5566AD



886421

Square

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



5566AD



AB4C55



686F22



007B80

Rectangle

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



5566AD



9D4F84



686F22



037A50

Sweetspot

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



5566AD



BFC5E0



55AD9B



5C6070



F0F0F0



707070

Same Dimension

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



5566AD



5872E0



6F55AD



4E5057



001D96



000417

Inverse Universe

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



AD5566



E05872



93AD55



574E50



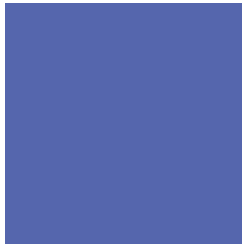
96001D



170004

Previews

White Background



This preview shows how the Hex color 5566AD looks on a white background.

Color Contrast Check

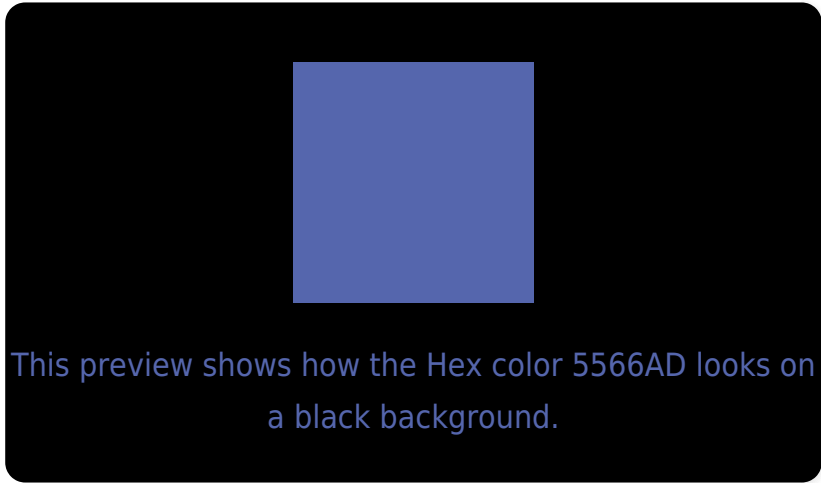
Large Text (above 18pt) WCAG AA ✓ Pass

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

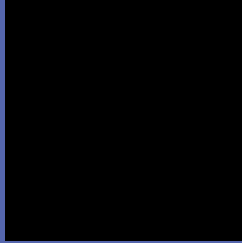
Any Text WCAG AA × Fail

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 5566AD Background



This preview shows how black text looks on a background with the Hex color 5566AD.

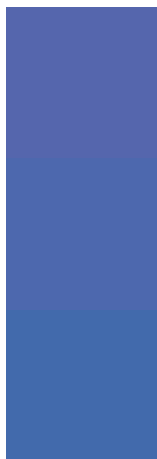


This preview shows how white text looks on a background with the Hex color 5566AD.

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
5566AD

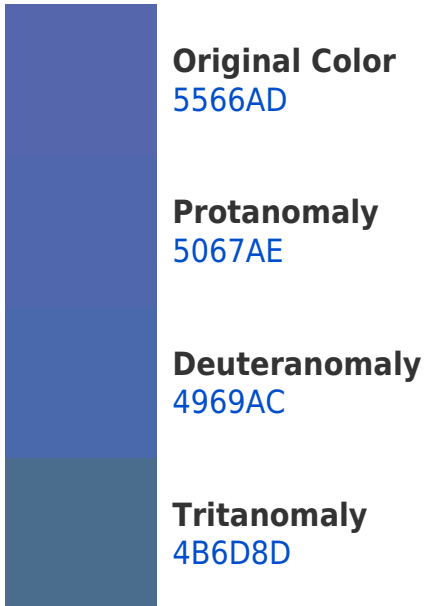
Protanopia
4D68AE

Deuteranopia
426AAC



Tritanopia
45717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5566AD 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 #5566AD looks like.

```
.text, #text, p{  
    color:#5566AD  
}
```

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 #5566AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5566AD
}
```

Border

The CSS property to change the border of an element to Hex 5566AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

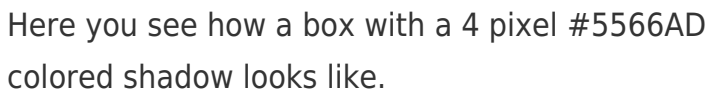
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5566AD }
```

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

```
.border{ border-color:#5566AD }
```

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



Here you see how a box with a 4 pixel #5566AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5566AD; -webkit-box-shadow:4px 4px  
4px 4px #5566AD; box-shadow:4px 4px 4px  
4px #5566AD }
```

Background

The CSS property to change the background color of an element to Hex 5566AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5566AD }
```

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

```
.background{ background-color:#5566AD }
```

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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