

Converting Colors

Hex(5165AA)

Have a look what the booklet for
Hex(5165AA) contains.

Hex(5165AA)	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(5165AA)

Conversions

Conversions Part 1

Format	Color
Hex	5165AA
RGB	81, 101, 170
RGB Percent	32%, 40%, 67%
CMY	0.6824, 0.6039, 0.3333
CMYK	0.52, 0.41, 0.00, 0.33
HSL	227°, 35%, 49%
HSV	227°, 52%, 67%
XYZ	15.3027, 13.9590, 39.9180
YIQ	102.8860, -34.0690, 17.2190

Conversions

Conversions Part 2

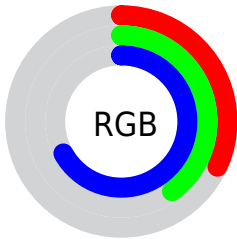
Format	Color
R _Y B	81, 97, 170
Decimal	5334442
CIE Lab	44.17, 12.64, -39.39
CIE LCh	44, 41.370, 287.785
Yxy	13.9590, 0.2212, 0.2018
Android (android.graphics.Color)	4283524522 (0xFF5165AA)
YUV	102.8860, 33.0872, -19.1940
Hunter-Lab	37.3617, 7.7276, -37.1935

Details

The Hex color **5165AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AA9651**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8898E2**, and **143775** is the 20% darker color. If you saturate the color by 10%, you get **4058AA**, and if you desaturate by 10%, it is **6272AA**.

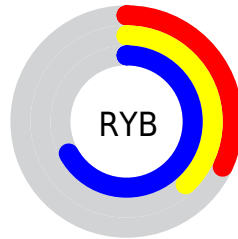
Distribution



Red (32%)

Green (40%)

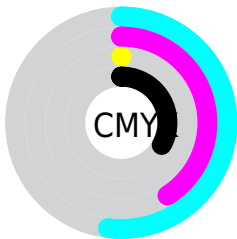
Blue (67%)



Red (32%)

Yellow (38%)

Blue (67%)

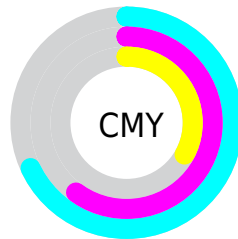


Cyan (52%)

Magenta (41%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5165AA 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 5165AA by changing the saturation by 10% instead.

■ 5165AA

■ 5165AA

FFFFFF

■ 354D8F

■ 8898E2

■ 143775

■ A3B2FF

■ 00225C

■ C0CEFF

■ 000C44

■ DDEAFF

■ 00032D

■ FAFFFF

■ 000118

■ 000000

■ 5165AA

■ 5165AA

■ 4058AA

■ 6272AA

■ 2F4BAA

■ 737FAA

■ 1E3DAA

■ 848DAA

■ 0D30AA

■ 959AAA

■ 0026AA

■ A6A7AA

■ B7B4AA

■ C8C1AA

■ D9CEAA

■ EADCAA

Harmonies

Analogous

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



0070AB



5165AA



845797

Triad

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



5165AA



9E5437



007859

Complementary

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



5165AA



AA9651

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.



407438



5165AA



876222

Square

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



5165AA



A84B55



686D22



00797C

Rectangle

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



5165AA



994E83



686D22



10774D

Sweetspot

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



5165AA



BAC2DE



51AA95



5B6070



F0F0F0



707070

Same Dimension

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



5165AA



5271DE



6951AA



4C4E54



002194



000514

Inverse Universe

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



AA5165



DE5271



92AA51



544C4E



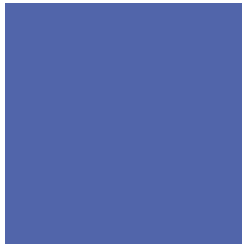
940021



140005

Previews

White Background



This preview shows how the Hex color 5165AA looks on a white background.

Color Contrast Check

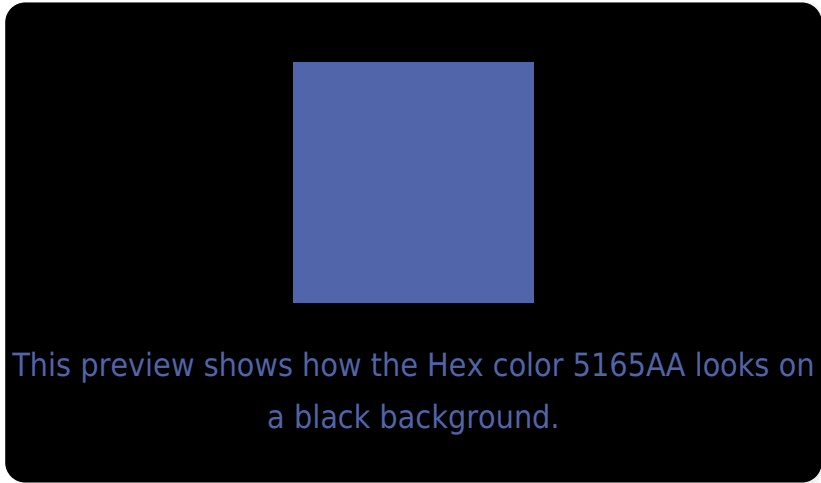
Large Text (above 18pt) WCAG AA ✓ Pass

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 5165AA Background



This preview shows how black text looks on a background with the Hex color 5165AA.



This preview shows how white text looks on a background with the Hex color 5165AA.

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

5165AA

Protanopia

4C66AB

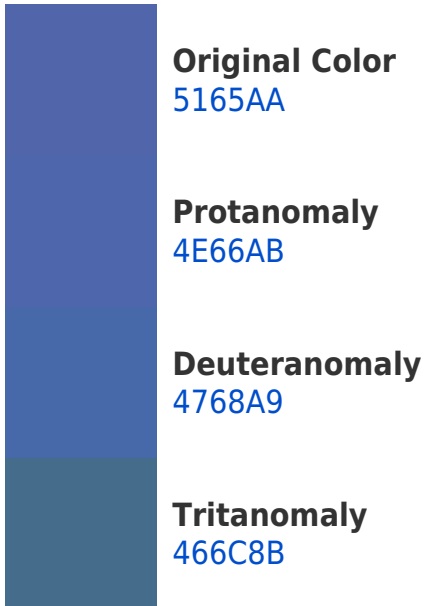
Deuteranopia

4169A9



Tritanopia
407079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5165AA 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 #5165AA looks like.

```
.text, #text, p{  
    color:#5165AA  
}
```

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 #5165AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5165AA
}
```

Border

The CSS property to change the border of an element to Hex 5165AA 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".

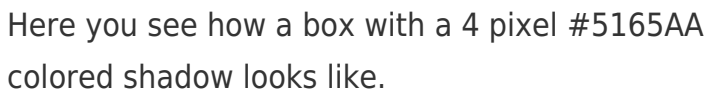
```
.border, #border, table{ border:4px solid
#5165AA }
```

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

```
.border{ border-color:#5165AA }
```

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

Here you see how a box with a 4 pixel #5165AA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5165AA; -webkit-box-shadow:4px 4px  
4px 4px #5165AA; box-shadow:4px 4px 4px  
4px #5165AA }
```

Background

The CSS property to change the background color of an element to Hex 5165AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5165AA }
```

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

```
.background{ background-color:#5165AA }
```

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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