

Converting Colors

Hex(5555AA)

Have a look what the booklet for
Hex(5555AA) contains.

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Color

Hex(5555AA)

Conversions

Conversions Part 1

Format	Color
Hex	5555AA
RGB	85, 85, 170
RGB Percent	33%, 33%, 67%
CMY	0.6667, 0.6667, 0.3333
CMYK	0.50, 0.50, 0.00, 0.33
HSL	240°, 33%, 50%
HSV	240°, 50%, 67%
XYZ	14.2505, 11.3306, 39.4661
YIQ	94.6900, -27.2850, 26.4350

Conversions

Conversions Part 2

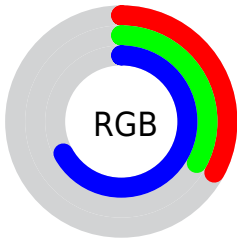
Format	Color
R _Y B	85, 85, 170
Decimal	5592490
CIE Lab	40.13, 23.68, -45.82
CIE LCh	40, 51.576, 297.327
Yxy	11.3306, 0.2191, 0.1742
Android (android.graphics.Color)	4283782570 (0xFF5555AA)
YUV	94.6900, 37.1278, -8.4981
Hunter-Lab	33.6609, 16.6622, -45.9526

Details

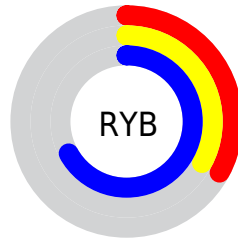
The Hex color **5555AA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AAAA55**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8C87E2**, and **1A2875** is the 20% darker color. If you saturate the color by 10%, you get **4444AA**, and if you desaturate by 10%, it is **6666AA**.

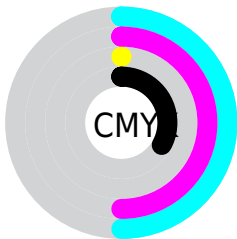
Distribution



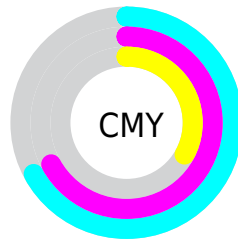
- Red (33%)
- Green (33%)
- Blue (67%)



- Red (33%)
- Yellow (33%)
- Blue (67%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5555AA 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 5555AA by changing the saturation by 10% instead.

■ 5555AA

■ 5555AA

FFFFFF

■ 393E8F

■ 8C87E2

■ 1A2875

■ A8A1FF

■ 00145C

■ C4BCFF

■ 000044

■ E1D8FF

■ 00032D

■ FFF4FF

■ 000117

■ 000000

■ 5555AA

■ 5555AA

■ 4444AA

■ 6666AA

■ 3333AA

■ 7777AA

■ 2222AA

■ 8888AA

■ 1111AA

■ 9999AA

■ 0000AA

■ AAAAAA

■ BBBBAA

■ CCCCAA

■ DDDDA A

■ EEEEE A

Harmonies

Analogous

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



0065B3



5555AA



8D418D

Triad

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



5555AA



954A14



007159

Complementary

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



5555AA



AAAA55

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.



006E2E



5555AA



755B00

Square

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



5555AA



A7383B



4C6701



007284

Rectangle

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



5555AA



A13572



4C6701



00714B

Sweetspot

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



5555AA



BDBDDE



55AAAA



5C5C70



F0F0F0



707070

Same Dimension

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



5555AA



5959DE



7F55AA



4C4C54



000094



000014

Inverse Universe

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



AA55AA



DE59DE



7FAA55



544C54



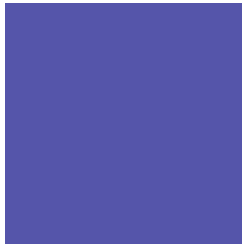
940094



140014

Previews

White Background



This preview shows how the Hex color 5555AA 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

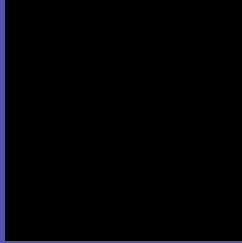
Any Text WCAG AA × Fail

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 5555AA Background



This preview shows how black text looks on a background with the Hex color 5555AA.

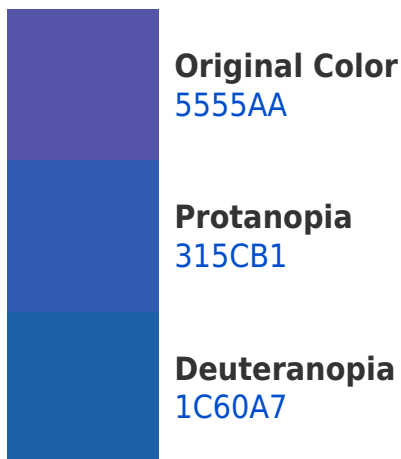



This preview shows how white text looks on a background with the Hex color 5555AA.

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](#).

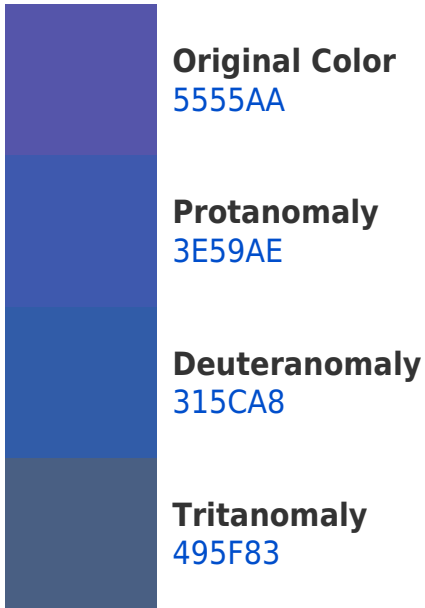
Dichromacy



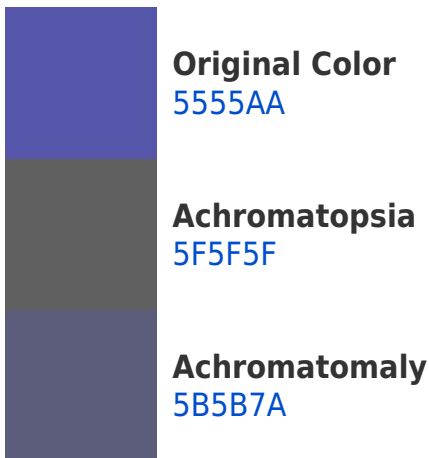


Tritanopia
42646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5555AA 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 #5555AA looks like.

```
.text, #text, p{  
    color:#5555AA  
}
```

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 #5555AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5555AA
}
```

Border

The CSS property to change the border of an element to Hex 5555AA 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
#5555AA }
```

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

```
.border{ border-color:#5555AA }
```

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

Here you see how a box with a 4 pixel #5555AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5555AA; -webkit-box-shadow:4px 4px  
4px 4px #5555AA; box-shadow:4px 4px 4px  
4px #5555AA }
```

Background

The CSS property to change the background color of an element to Hex 5555AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5555AA }
```

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

```
.background{ background-color:#5555AA }
```

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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