

Converting Colors

Hex(4955A8)

Have a look what the booklet for
Hex(4955A8) contains.

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Color

Hex(4955A8)

Conversions

Conversions Part 1

Format	Color
Hex	4955A8
RGB	73, 85, 168
RGB Percent	29%, 33%, 66%
CMY	0.7137, 0.6667, 0.3412
CMYK	0.57, 0.49, 0.00, 0.34
HSL	232°, 39%, 47%
HSV	232°, 57%, 66%
XYZ	13.0640, 10.7406, 38.4304
YIQ	90.8740, -33.7950, 23.2690

Conversions

Conversions Part 2

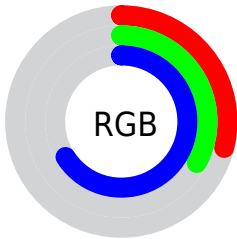
Format	Color
R _Y B	73, 84, 168
Decimal	4806056
CIE Lab	39.14, 20.36, -46.27
CIE LCh	39, 50.555, 293.755
Yxy	10.7406, 0.2099, 0.1726
Android (android.graphics.Color)	4282996136 (0xFF4955A8)
YUV	90.8740, 38.0231, -15.6755
Hunter-Lab	32.7729, 13.8017, -46.5841

Details

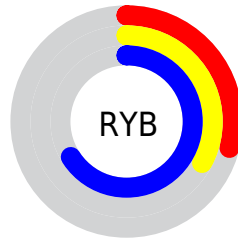
The Hex color **4955A8** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A89C49**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8186E0**, and **002873** is the 20% darker color. If you saturate the color by 10%, you get **3846A8**, and if you desaturate by 10%, it is **5A64A8**.

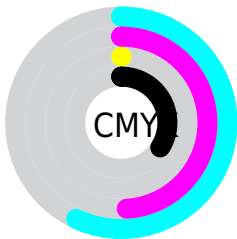
Distribution



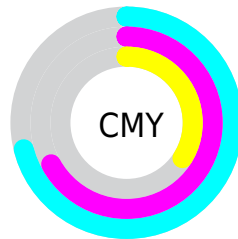
- Red (29%)
- Green (33%)
- Blue (66%)



- Red (29%)
- Yellow (33%)
- Blue (66%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4955A8 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 4955A8 by changing the saturation by 10% instead.

■ 4955A8

■ 4955A8

FFFFFF

■ 2B3E8D

■ 8186E0

■ 002873

■ 9DA1FD

■ 00155A

■ B9BBFF

■ 000042

■ D6D7FF

■ 00032B

■ F3F4FF

■ 000115

■ 000000

■ 4955A8

■ 4955A8

■ 3846A8

■ 5A64A8

■ 2738A8

■ 6B72A8

■ 1729A8

■ 7B81A8

■ 061AA8

■ 8C90A8

■ 0015A8

■ 9D9EA8

■ AEADA8

■ BFBCA8

■ CFCAA8

■ E0D9A8

Harmonies

Analogous

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



0064AE



4955A8



85418D

Triad

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



4955A8



944618



006E52

Complementary

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



4955A8



A89C49

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.



0E6B28



4955A8



775700

Square

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



4955A8



A4353E



506400



006F7C

Rectangle

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



4955A8



9A3574



506400



006E44

Sweetspot

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



4955A8



B6BBDB



49A89B



585A6E



EDEDED



6E6E6E

Same Dimension

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



4955A8



4659DB



6C49A8



4C4D54



001394



000314

Inverse Universe

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



A84955



DB4659



85A849



544C4D



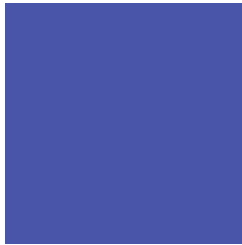
940013



140003

Previews

White Background



This preview shows how the Hex color 4955A8 looks on a white background.

Color Contrast Check

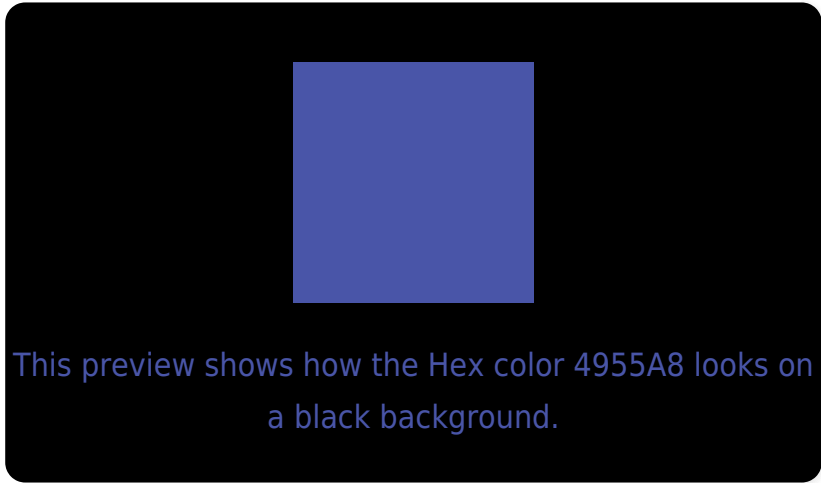
Large Text (above 18pt) WCAG AA ✓ Pass

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

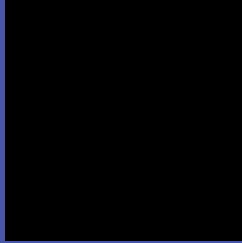
Any Text WCAG AA × Fail

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 4955A8 Background



This preview shows how black text looks on a background with the Hex color 4955A8.

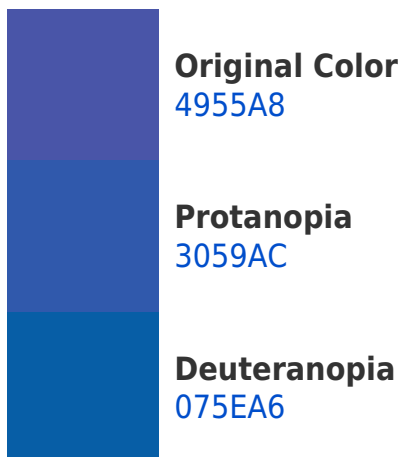


This preview shows how white text looks on a background with the Hex color 4955A8.

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](#).

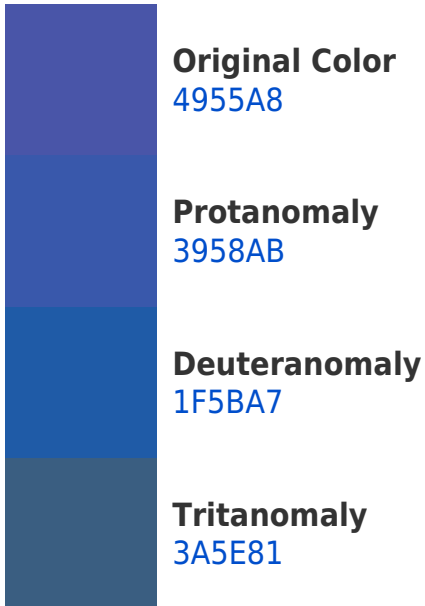
Dichromacy





Tritanopia
32636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4955A8 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 #4955A8 looks like.

```
.text, #text, p{  
    color:#4955A8  
}
```

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 #4955A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4955A8
}
```

Border

The CSS property to change the border of an element to Hex 4955A8 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
#4955A8 }
```

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

```
.border{ border-color:#4955A8 }
```

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

Here you see how a box with a 4 pixel #4955A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4955A8; -webkit-box-shadow:4px 4px  
4px 4px #4955A8; box-shadow:4px 4px 4px  
4px #4955A8 }
```

Background

The CSS property to change the background color of an element to Hex 4955A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4955A8 }
```

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

```
.background{ background-color:#4955A8 }
```

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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