

# Converting Colors

Hex(55458F)

Have a look what the booklet for  
Hex(55458F) contains.

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# Color

**Hex(55458F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55458F
RGB	85, 69, 143
RGB Percent	33%, 27%, 56%
CMY	0.6667, 0.7294, 0.4392
CMYK	0.41, 0.52, 0.00, 0.44
HSL	253°, 35%, 42%
HSV	253°, 52%, 56%
XYZ	10.8324, 8.1707, 26.9928
YIQ	82.2200, -14.2180, 26.4060

# Conversions

## Conversions Part 2

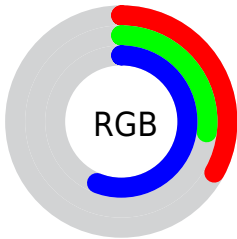
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 69, 143
Decimal	5588367
CIE <sub>Lab</sub>	34.34, 25.45, -38.85
CIE <sub>LCh</sub>	34, 46.448, 303.229
Yxy	8.1707, 0.2355, 0.1776
Android (android.graphics.Color)	4283778447 (0xFF55458F)
YUV	82.2200, 29.9645, 2.4381
Hunter-Lab	28.5845, 17.6215, -35.9794

# Details

The Hex color **55458F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F8F45**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8A76C5**, and **21195C** is the 20% darker color. If you saturate the color by 10%, you get **4A378F**, and if you desaturate by 10%, it is **60538F**.

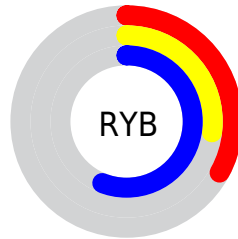
# Distribution



Red (33%)

Green (27%)

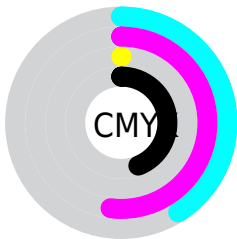
Blue (56%)



Red (33%)

Yellow (27%)

Blue (56%)

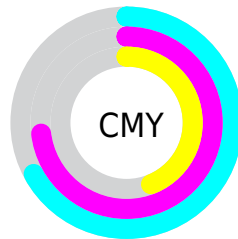


Cyan (41%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (73%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55458F 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 55458F by changing the saturation by 10% instead.



■ 55458F

FFFFFF

■ 8A76C5

■ A58FE1

■ C1AAFE

■ DDC5FF

■ FBE1FF

FFFEFF

■ 55458F

■ 4A378F

■ 55458F

■ 3B2E75

■ 21195C

■ 030244

■ 00032D

■ 000117

■ 000000

■ 55458F

■ 60538F

■ 3F288F

■ 6B628F

■ 331A8F

■ 77708F

■ 280C8F

■ 827E8F

■ 1F008F

■ 8D8D8F

■ 989B8F

■ A3A98F

■ AFB78F

■ BAC68F

# Harmonies

## Analogous

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



00549B



55458F



803373

# Triad

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



55458F



7B4208



006154

# Complementary

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



55458F



7F8F45

# 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.



005F2D



55458F



5E5000

# Square

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



55458F



8E312A



385A07



006178

# Rectangle

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



55458F



8E2A5B



385A07



006147



# Sweetspot

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



55458F



A39CBA



45808F



504C5E



DEDEDE



5E5E5E



# Same Dimension

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



55458F



6047BA



79458F



424047



1D0087



020008



# Inverse Universe

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



8F457F



BA47A1



5B8F45



474046



87006A



080006



# Previews

## White Background



This preview shows how the Hex color 55458F looks on a white background.

## Color Contrast Check

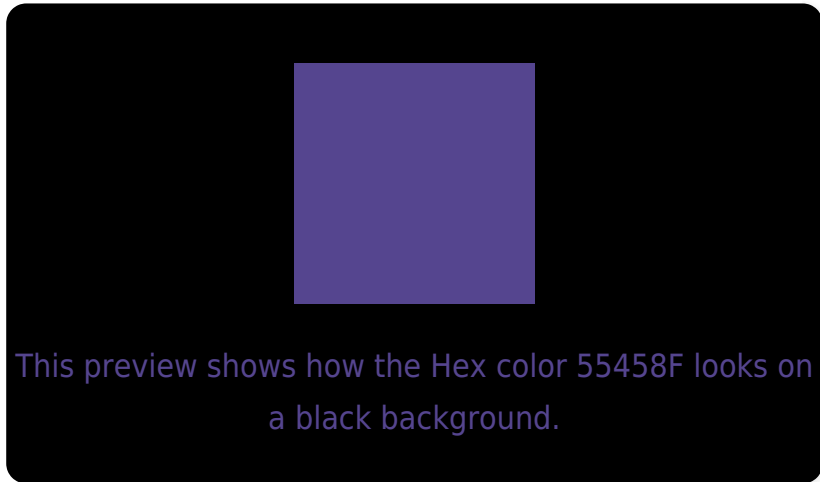
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

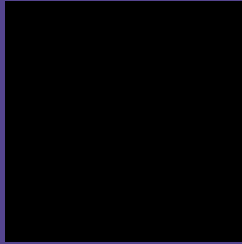
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 55458F Background



This preview shows how black text looks on a background with the Hex color 55458F.

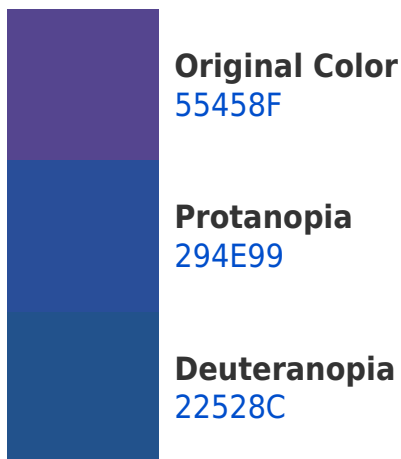


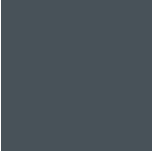
This preview shows how white text looks on a background with the Hex color 55458F.

# 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](#).

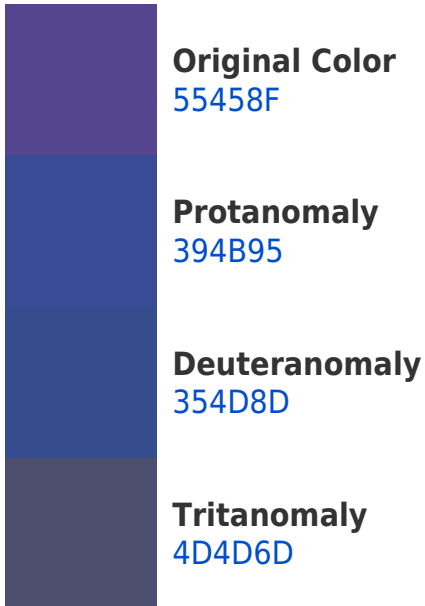
## Dichromacy



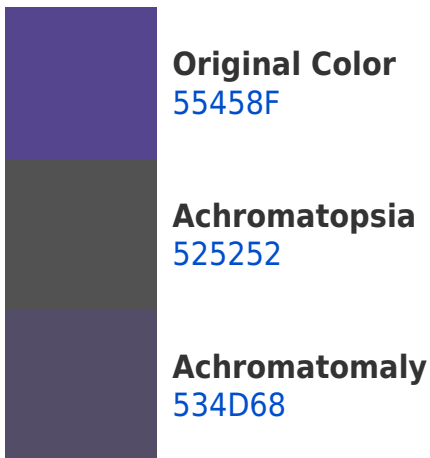


**Tritanopia**  
485259

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55458F 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 #55458F looks like.

```
.text, #text, p{  
    color:#55458F  
}
```

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 #55458F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55458F
}
```

## Border

The CSS property to change the border of an element to Hex 55458F is called "border". The border property can be set on classes, ids or directly on the HTML element.

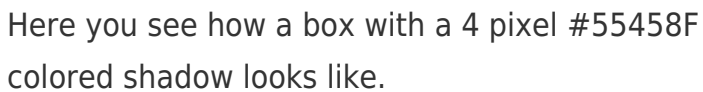
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55458F }
```

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

```
.border{ border-color:#55458F }
```

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



Here you see how a box with a 4 pixel #55458F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55458F; -webkit-box-shadow:4px 4px  
4px 4px #55458F; box-shadow:4px 4px 4px  
4px #55458F }
```

# Background

The CSS property to change the background color of an element to Hex 55458F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55458F }
```

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

```
.background{ background-color:#55458F }
```

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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