

Converting Colors

Hex(63558F)

Have a look what the booklet for
Hex(63558F) contains.

Hex(63558F)	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(63558F)

Conversions

Conversions Part 1

Format	Color
Hex	63558F
RGB	99, 85, 143
RGB Percent	39%, 33%, 56%
CMY	0.6118, 0.6667, 0.4392
CMYK	0.31, 0.41, 0.00, 0.44
HSL	254°, 25%, 45%
HSV	254°, 41%, 56%
XYZ	13.3520, 11.1328, 27.4317
YIQ	95.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

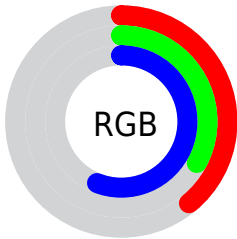
Format	Color
R_{YB}	99, 85, 143
Decimal	6509967
CIE _{Lab}	39.80, 19.39, -30.10
CIE _{LCh}	40, 35.808, 302.783
Yxy	11.1328, 0.2572, 0.2144
Android (android.graphics.Color)	4284700047 (0xFF63558F)
YUV	95.7980, 23.2706, 2.8082
Hunter-Lab	33.3659, 13.0400, -25.3891

Details

The Hex color **63558F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **818F55**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9787C5**, and **32285C** is the 20% darker color. If you saturate the color by 10%, you get **58478F**, and if you desaturate by 10%, it is **6E638F**.

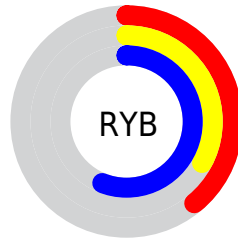
Distribution



Red (39%)

Green (33%)

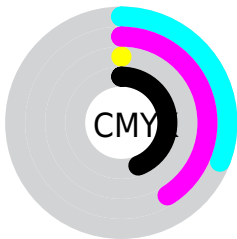
Blue (56%)



Red (39%)

Yellow (33%)

Blue (56%)

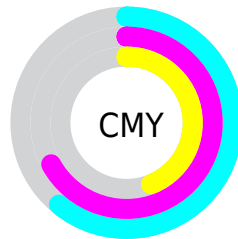


Cyan (31%)

Magenta (41%)

Yellow (0%)

Black (44%)



Cyan (61%)

Magenta (67%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63558F 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 63558F by changing the saturation by 10% instead.

■ 63558F

■ 63558F

FFFFFF

■ 4A3E75

■ 9787C5

■ 32285C

■ B2A1E1

■ 191344

■ CEBCFE

■ 06002E

■ EBD8FF

■ 000118

■ FFF4FF

■ 000000

■ 63558F

■ 63558F

■ 58478F

■ 6E638F

■ 4D388F

■ 79728F

■ 422A8F

■ 84808F

■ 381C8F

■ 8E8E8F

■ 2D0D8F

■ 999D8F

■ 23008F

■ A4AB8F

■ AFB98F

■ BAC78F

■ C5D68F

Harmonies

Analogous

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



2A6098



63558F



844A79

Triad

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



63558F



83522A



006C60

Complementary

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



63558F



818F55

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.



256A42



63558F



6C5D21

Square

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



63558F



924840



4E652A



006C7D

Rectangle

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



63558F



904566



4E652A



006C55

Sweetspot

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



63558F



A9A4BA



55818F



54515E



DEDEDE



5E5E5E

Same Dimension

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



63558F



755FBA



80558F



424047



210087



020008

Inverse Universe

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



8F5581



BA5FA4



648F55



474046



870067



080006

Previews

White Background



This preview shows how the Hex color 63558F looks on a white background.

Color Contrast Check

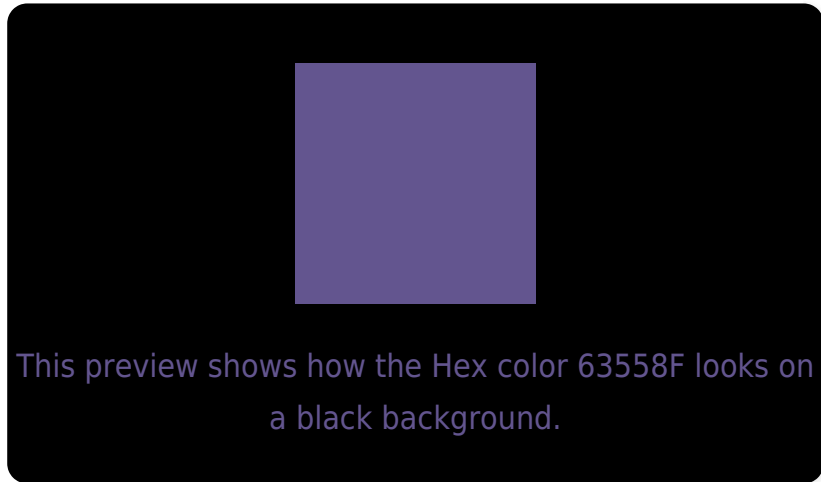
Large Text (above 18pt) WCAG AA ✓ Pass

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

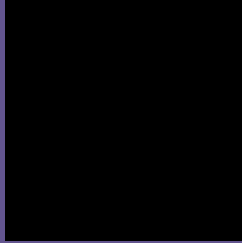
Any Text WCAG AA × Fail

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 63558F Background



This preview shows how black text looks on a background with the Hex color 63558F.

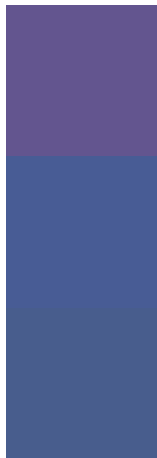


This preview shows how white text looks on a background with the Hex color 63558F.

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
63558F

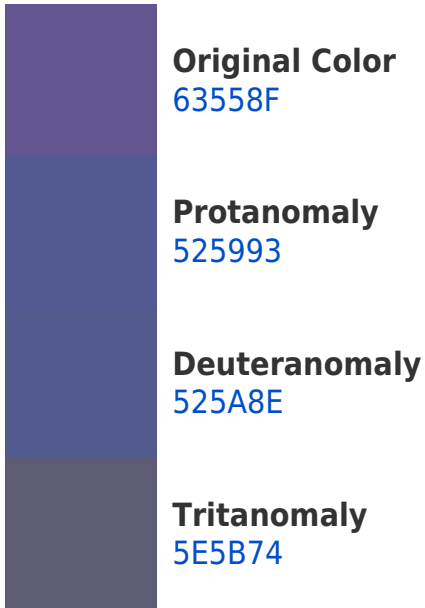
Protanopia
485C95

Deuteranopia
485D8D

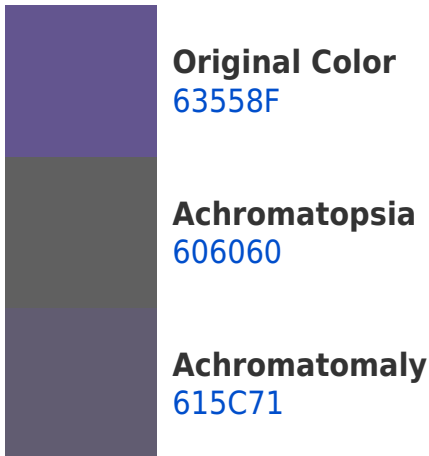


Tritanopia
5B5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63558F 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 #63558F looks like.

```
.text, #text, p{  
    color:#63558F  
}
```

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 #63558F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63558F
}
```

Border

The CSS property to change the border of an element to Hex 63558F is called "border". The border property can be set on classes, ids or directly on the HTML element.

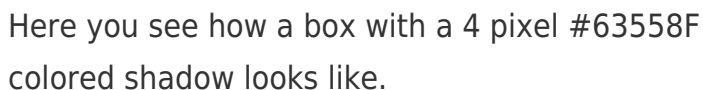
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63558F }
```

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

```
.border{ border-color:#63558F }
```

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



Here you see how a box with a 4 pixel #63558F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63558F; -webkit-box-shadow:4px 4px  
4px 4px #63558F; box-shadow:4px 4px 4px  
4px #63558F }
```

Background

The CSS property to change the background color of an element to Hex 63558F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63558F }
```

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

```
.background{ background-color:#63558F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor