

Converting Colors

Hex(63638A)

Have a look what the booklet for
Hex(63638A) contains.

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Color

Hex(63638A)

Conversions

Conversions Part 1

Format	Color
Hex	63638A
RGB	99, 99, 138
RGB Percent	39%, 39%, 54%
CMY	0.6118, 0.6118, 0.4588
CMYK	0.28, 0.28, 0.00, 0.46
HSL	240°, 16%, 46%
HSV	240°, 28%, 54%
XYZ	14.1949, 13.4113, 25.8852
YIQ	103.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

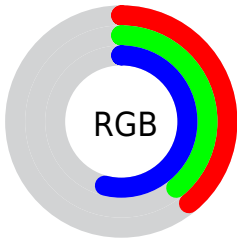
Format	Color
R_{YB}	99, 99, 138
Decimal	6513546
CIE Lab	43.38, 9.34, -21.52
CIE LCh	43, 23.465, 293.468
Yxy	13.4113, 0.2654, 0.2507
Android (android.graphics.Color)	4284703626 (0xFF63638A)
YUV	103.4460, 17.0351, -3.8991
Hunter-Lab	36.6215, 5.1010, -16.2731

Details

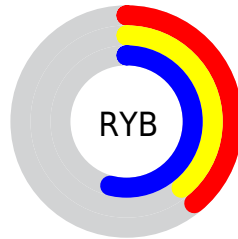
The Hex color **63638A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A8A63**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9796C0**, and **333558** is the 20% darker color. If you saturate the color by 10%, you get **55558A**, and if you desaturate by 10%, it is **71718A**.

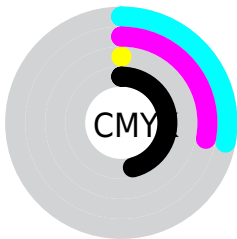
Distribution



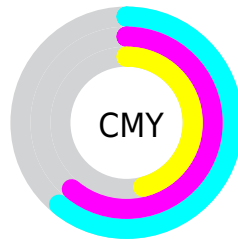
- Red (39%)
- Green (39%)
- Blue (54%)



- Red (39%)
- Yellow (39%)
- Blue (54%)



- Cyan (28%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (61%)
- Magenta (61%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63638A 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 63638A by changing the saturation by 10% instead.



63638A



63638A

FFFFFF



4A4B70



9796C0



333558



B2B0DB



1C2040



CDCCF8



06082A



EAE8FF



000115



000000



63638A



63638A



55558A



71718A



47478A



7F7F8A

■ 3A3A8A

■ 8C8C8A

■ 2C2C8A

■ 9A9A8A

■ 1E1E8A

■ A8A88A

■ 10108A

■ B6B68A

■ 02028A

■ C4C48A

■ 00008A

■ D1D18A

■ DFDF8A

Harmonies

Analogous

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



456A8D



63638A



7B5C7E

Triad

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



63638A



865D48



367161

Complementary

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



63638A



8A8A63

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.



4E6E4F



63638A



786440

Square

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



63638A



8D5958



646A42



237175

Rectangle

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



63638A



865972



646A42



3E705B

Sweetspot

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



63638A



A4A4B3



638A8A



505059



D9D9D9



595959

Same Dimension

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



63638A



7676B3



77638A



3E3E45



000085



000005

Inverse Universe

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



8A638A



B376B3



778A63



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 63638A looks on a white background.

Color Contrast Check

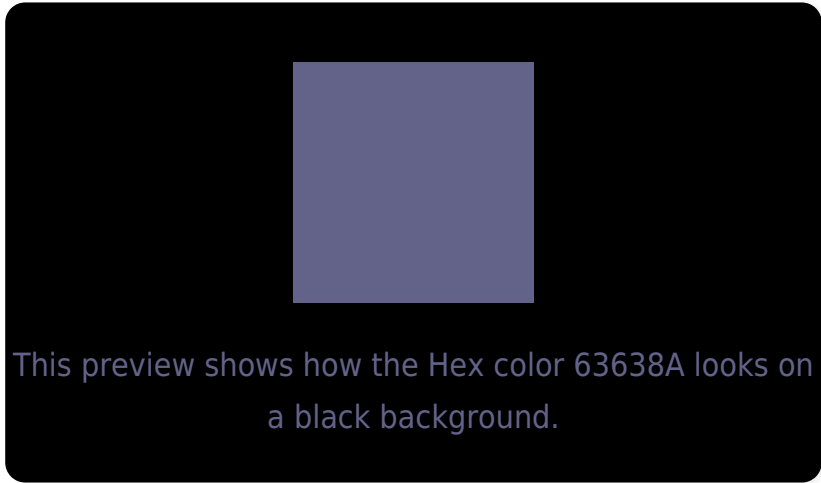
Large Text (above 18pt) WCAG AA ✓ Pass

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

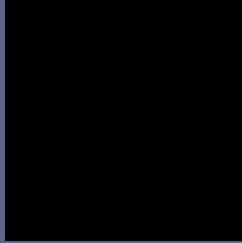
Any Text WCAG AA × Fail

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 63638A Background



This preview shows how black text looks on a background with the Hex color 63638A.



This preview shows how white text looks on a background with the Hex color 63638A.

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
63638A

Protanopia
5B658C

Deuteranopia
5D658A



Tritanopia
5E6870

Trichromacy



Original Color
63638A

Protanomaly
5E648B

Deuteranomaly
5F648A

Tritanomaly
606679

Monochromacy



Original Color
63638A

Achromatopsia
676767

Achromatomaly
666674

CSS Examples

Text

The CSS property to change the color of the text to Hex 63638A 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 #63638A looks like.

```
.text, #text, p{  
    color:#63638A  
}
```

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 #63638A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63638A
}
```

Border

The CSS property to change the border of an element to Hex 63638A 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
#63638A }
```

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

```
.border{ border-color:#63638A }
```

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

Here you see how a box with a 4 pixel #63638A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63638A; -webkit-box-shadow:4px 4px  
4px 4px #63638A; box-shadow:4px 4px 4px  
4px #63638A }
```

Background

The CSS property to change the background color of an element to Hex 63638A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63638A }
```

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

```
.background{ background-color:#63638A }
```

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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