

Converting Colors

Hex(64838D)

Have a look what the booklet for
Hex(64838D) contains.

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Color

Hex(64838D)

Conversions

Conversions Part 1

Format	Color
Hex	64838D
RGB	100, 131, 141
RGB Percent	39%, 51%, 55%
CMY	0.6078, 0.4863, 0.4471
CMYK	0.29, 0.07, 0.00, 0.45
HSL	195°, 17%, 47%
HSV	195°, 29%, 55%
XYZ	18.1795, 20.8650, 28.2685
YIQ	122.8710, -21.6860, -3.4620

Conversions

Conversions Part 2

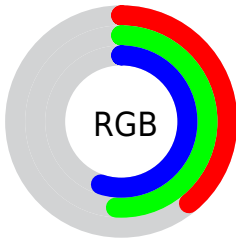
Format	Color
R_{YB}	100, 118, 141
Decimal	6587277
CIE _{Lab}	52.80, -8.47, -8.97
CIE _{LCh}	53, 12.337, 226.611
Yxy	20.8650, 0.2701, 0.3100
Android (android.graphics.Color)	4284777357 (0xFF64838D)
YUV	122.8710, 8.9376, -20.0579
Hunter-Lab	45.6782, -8.8954, -4.7175

Details

The Hex color **64838D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D6E64**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98B8C3**, and **33525B** is the 20% darker color. If you saturate the color by 10%, you get **56808D**, and if you desaturate by 10%, it is **72868D**.

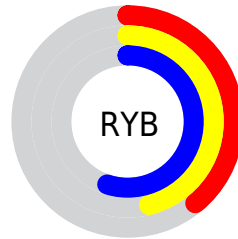
Distribution



Red (39%)

Green (51%)

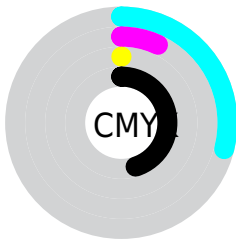
Blue (55%)



Red (39%)

Yellow (46%)

Blue (55%)

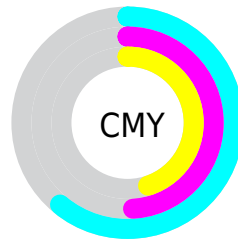


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64838D 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 64838D by changing the saturation by 10% instead.



64838D



64838D

FFFFFF



4B6A73



98B8C3



33525B



B3D4DE



1C3B43



CFF0FB



03252D



EBFFFF



001019



000000



64838D



64838D



56808D



72868D



487C8D



808A8D

3A798D

8E8D8D

2C758D

9C918D

1E728D

AB948D

0F6E8D

B9988D

016B8D

C79B8D

006B8D

D59F8D

E3A28D

Harmonies

Analogous

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



638484



64838D



6D8092

Triad

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



64838D



917783



807F6A

Complementary

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



64838D



8D6E64

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.



8B7C6A



64838D



957778

Square

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



64838D



87798D



92796F



74826F

Rectangle

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



64838D



757E93



92796F



847E69

Sweetspot

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



64838D



A7B4B8



648D6E



52595C



DBDBDB



5C5C5C

Same Dimension

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



64838D



77A8B8



646F8D



404647



006687



000608

Inverse Universe

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



8D6483



B877A8



8D8264



474046



870066



080006

Previews

White Background



This preview shows how the Hex color 64838D looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

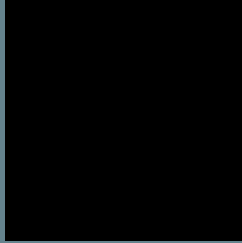
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

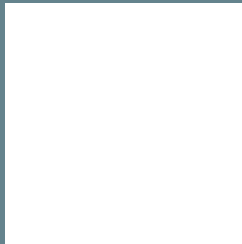
Any Text WCAG AAA × Fail

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

Hex 64838D Background



This preview shows how black text looks on a background with the Hex color 64838D.

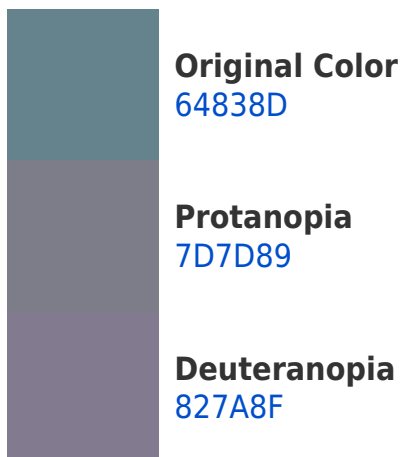



This preview shows how white text looks on a background with the Hex color 64838D.

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](#).

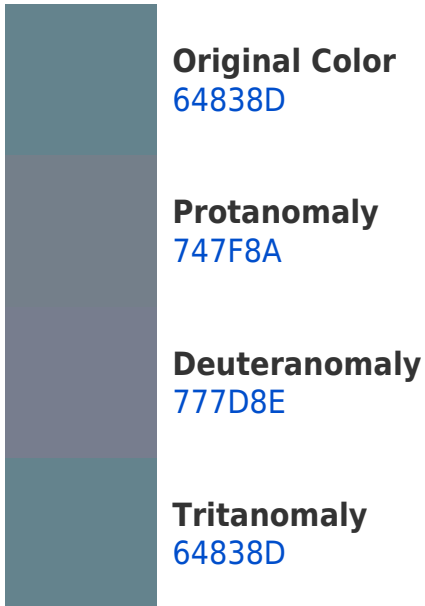
Dichromacy



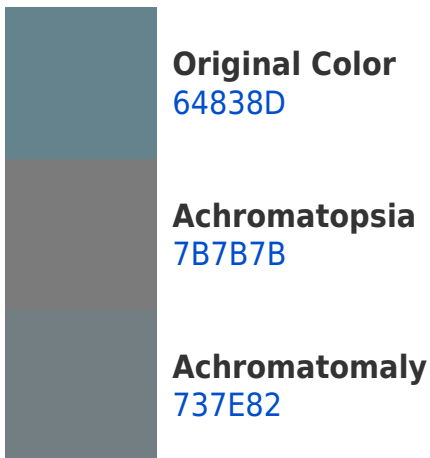


Tritanopia
64838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64838D 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 #64838D looks like.

```
.text, #text, p{  
    color:#64838D  
}
```

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 #64838D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64838D
}
```

Border

The CSS property to change the border of an element to Hex 64838D 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
#64838D }
```

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

```
.border{ border-color:#64838D }
```

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

Here you see how a box with a 4 pixel #64838D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64838D; -webkit-box-shadow:4px 4px  
4px 4px #64838D; box-shadow:4px 4px 4px  
4px #64838D }
```

Background

The CSS property to change the background color of an element to Hex 64838D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64838D }
```

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

```
.background{ background-color:#64838D }
```

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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