

Converting Colors

Hex(62738D)

Have a look what the booklet for
Hex(62738D) contains.

Hex(62738D)	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(62738D)

Conversions

Conversions Part 1

Format	Color
Hex	62738D
RGB	98, 115, 141
RGB Percent	38%, 45%, 55%
CMY	0.6157, 0.5490, 0.4471
CMYK	0.30, 0.18, 0.00, 0.45
HSL	216°, 18%, 47%
HSV	216°, 30%, 55%
XYZ	15.9755, 16.7812, 27.5964
YIQ	112.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

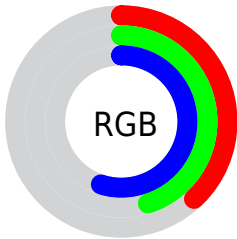
Format	Color
R_{YB}	98, 110, 141
Decimal	6452109
CIE _{Lab}	47.98, 0.15, -16.25
CIE _{LCh}	48, 16.254, 270.516
Yxy	16.7812, 0.2647, 0.2781
Android (android.graphics.Color)	4284642189 (0xFF62738D)
YUV	112.8810, 13.8627, -13.0506
Hunter-Lab	40.9649, -2.0773, -11.2659

Details

The Hex color **62738D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8D7C62**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **96A7C3**, and **32435B** is the 20% darker color. If you saturate the color by 10%, you get **546A8D**, and if you desaturate by 10%, it is **707C8D**.

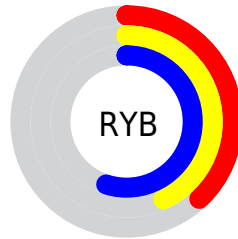
Distribution



Red (38%)

Green (45%)

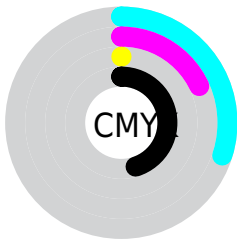
Blue (55%)



Red (38%)

Yellow (43%)

Blue (55%)

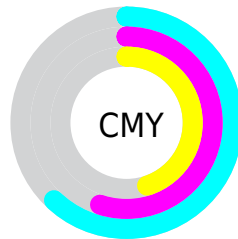


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62738D 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 62738D by changing the saturation by 10% instead.



62738D



62738D

FFFFFF



495B73



96A7C3



32435B



B1C2DF



1A2D43



CCDEFB



03192D



E9FAFF



000119



000000



62738D



62738D



546A8D



707C8D



46628D



7E848D

■ 38598D

■ 8C8D8D

■ 2A518D

■ 9A958D

■ 1C488D

■ A99E8D

■ 0D408D

■ B7A68D

■ 00388D

■ C5AF8D

■ D3B78D

■ E1C08D

Harmonies

Analogous

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



527789



62738D



756E89

Triad

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



62738D



8E6965



5D7864

Complementary

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



62738D



8D7C62

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.



6D755A



62738D



886C5A

Square

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



62738D



8D6872



7C7157



517A72

Rectangle

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



62738D



7F6B83



7C7157



637760

Sweetspot

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



62738D



A7AEB8



628D7C



52565C



DBDBDB



5C5C5C

Same Dimension

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



62738D



748FB8



66628D



404347



003587



000308

Inverse Universe

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



8D6273



B8748F



898D62



474043



870035



080003

Previews

White Background



This preview shows how the Hex color 62738D looks on a white background.

Color Contrast Check

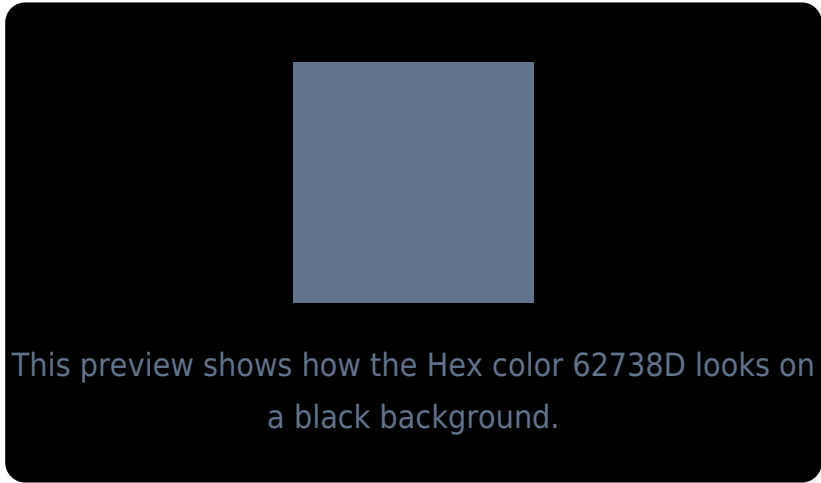
Large Text (above 18pt) WCAG AA ✓ Pass

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

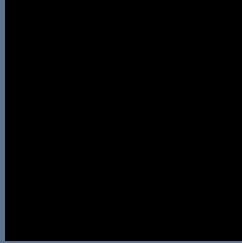
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

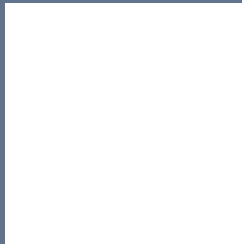
Any Text WCAG AAA × Fail

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

Hex 62738D Background



This preview shows how black text looks on a background with the Hex color 62738D.



This preview shows how white text looks on a background with the Hex color 62738D.

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
62738D

Protanopia
6C718B

Deuteranopia
6E6F8E



Tritanopia
5F757F

Trichromacy



Original Color
62738D

Protanomaly
68728C

Deuteranomaly
6A708E

Tritanomaly
607484

Monochromacy



Original Color
62738D

Achromatopsia
717171

Achromatomaly
6C727B

CSS Examples

Text

The CSS property to change the color of the text to Hex 62738D 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 #62738D looks like.

```
.text, #text, p{  
    color:#62738D  
}
```

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 #62738D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62738D
}
```

Border

The CSS property to change the border of an element to Hex 62738D 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
#62738D }
```

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

```
.border{ border-color:#62738D }
```

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

Here you see how a box with a 4 pixel #62738D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62738D; -webkit-box-shadow:4px 4px  
4px 4px #62738D; box-shadow:4px 4px 4px  
4px #62738D }
```

Background

The CSS property to change the background color of an element to Hex 62738D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62738D }
```

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

```
.background{ background-color:#62738D }
```

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