

Converting Colors

Hex(60688E)

Have a look what the booklet for
Hex(60688E) contains.

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Color

Hex(60688E)

Conversions

Conversions Part 1

Format	Color
Hex	60688E
RGB	96, 104, 142
RGB Percent	38%, 41%, 56%
CMY	0.6235, 0.5922, 0.4431
CMYK	0.32, 0.27, 0.00, 0.44
HSL	230°, 19%, 47%
HSV	230°, 32%, 56%
XYZ	14.6567, 14.3404, 27.5867
YIQ	105.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

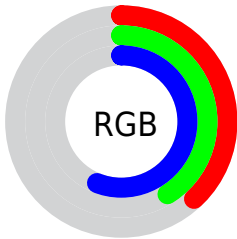
Format	Color
R_{YB}	96, 103, 142
Decimal	6318222
CIE Lab	44.72, 6.41, -21.87
CIE LCh	45, 22.790, 286.340
Yxy	14.3404, 0.2590, 0.2534
Android (android.graphics.Color)	4284508302 (0xFF60688E)
YUV	105.9400, 17.7776, -8.7174
Hunter-Lab	37.8687, 2.8161, -16.6835

Details

The Hex color **60688E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8E8660**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **949BC4**, and **2F395C** is the 20% darker color. If you saturate the color by 10%, you get **525C8E**, and if you desaturate by 10%, it is **6E748E**.

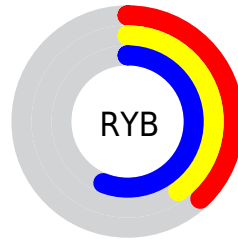
Distribution



Red (38%)

Green (41%)

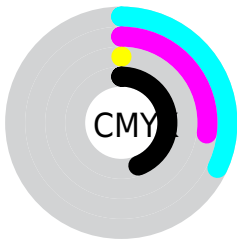
Blue (56%)



Red (38%)

Yellow (40%)

Blue (56%)

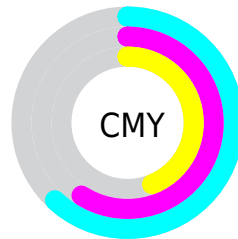


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60688E 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 60688E by changing the saturation by 10% instead.

■ 60688E

■ 60688E

FFFFFF

■ 475074

■ 949BC4

■ 2F395C

■ AFB6E0

■ 182444

■ CAD1FD

■ 010E2D

■ E7EEFF

■ 000119

■ 000000

■ 60688E

■ 60688E

■ 525C8E

■ 6E748E

■ 44518E

■ 7C7F8E

■ 35458E

■ 8B8B8E

■ 27398E

■ 99978E

■ 192D8E

■ A7A38E

■ 0B228E

■ B5AE8E

■ 00198E

■ C3BA8E

■ D2C68E

■ E0D28E

Harmonies

Analogous

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



436E8E



60688E



796184

Triad

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



60688E



8B5F4F



407460

Complementary

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



60688E



8E8660

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.



57714F



60688E



7F6645

Square

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



60688E



905C60



6C6C45



2D7474

Rectangle

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



60688E



855E79



6C6C45



48735A

Sweetspot

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



60688E



A5A8B8



608E86



51535C



DBDBDB



5C5C5C

Same Dimension

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



60688E



707CB8



6F608E



404247



001887



000108

Inverse Universe

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



8E6068



B8707C



7F8E60



474042



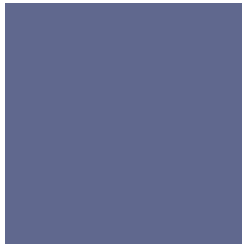
870018



080001

Previews

White Background



This preview shows how the Hex color 60688E looks on a white background.

Color Contrast Check

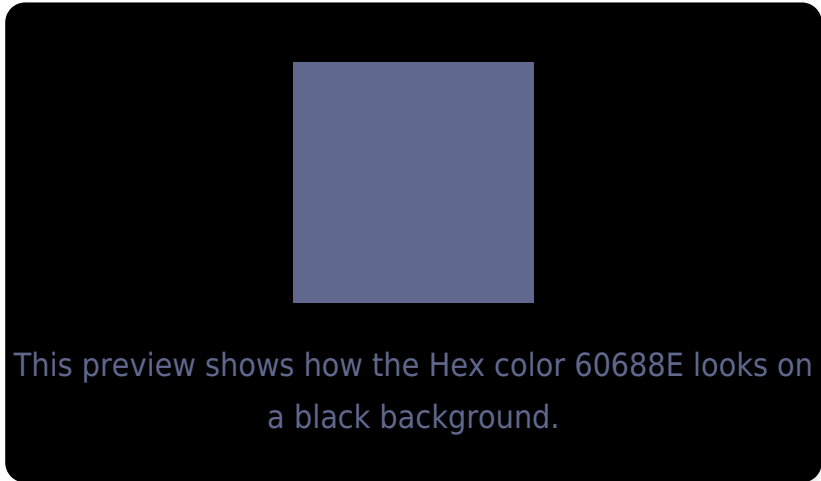
Large Text (above 18pt) WCAG AA ✓ Pass

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

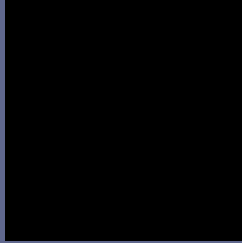
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

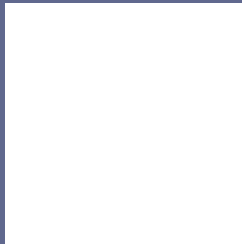
Any Text WCAG AAA × Fail

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

Hex 60688E Background



This preview shows how black text looks on a background with the Hex color 60688E.



This preview shows how white text looks on a background with the Hex color 60688E.

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](#).

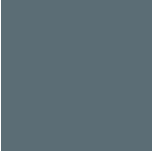
Dichromacy



Original Color
60688E

Protanopia
5F688E

Deuteranopia
60688E



Tritanopia
5B6D75

Trichromacy



Original Color
60688E

Protanomaly
5F688E

Deuteranomaly
60688E

Tritanomaly
5D6B7E

Monochromacy



Original Color
60688E

Achromatopsia
6A6A6A

Achromatomaly
666977

CSS Examples

Text

The CSS property to change the color of the text to Hex 60688E 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 #60688E looks like.

```
.text, #text, p{  
    color:#60688E  
}
```

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 #60688E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60688E
}
```

Border

The CSS property to change the border of an element to Hex 60688E 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".

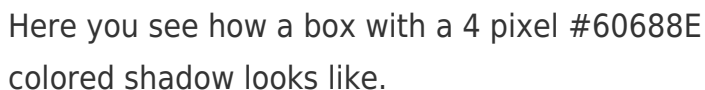
```
.border, #border, table{ border:4px solid
#60688E }
```

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

```
.border{ border-color:#60688E }
```

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

Here you see how a box with a 4 pixel #60688E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60688E; -webkit-box-shadow:4px 4px  
4px 4px #60688E; box-shadow:4px 4px 4px  
4px #60688E }
```

Background

The CSS property to change the background color of an element to Hex 60688E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60688E }
```

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

```
.background{ background-color:#60688E }
```

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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