

Converting Colors

Hex(44708C)

Have a look what the booklet for
Hex(44708C) contains.

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Color

Hex(44708C)

Conversions

Conversions Part 1

Format	Color
Hex	44708C
RGB	68, 112, 140
RGB Percent	27%, 44%, 55%
CMY	0.7333, 0.5608, 0.4510
CMYK	0.51, 0.20, 0.00, 0.45
HSL	203°, 35%, 41%
HSV	203°, 51%, 55%
XYZ	12.9117, 14.7107, 26.9699
YIQ	102.0360, -35.2120, -0.6200

Conversions

Conversions Part 2

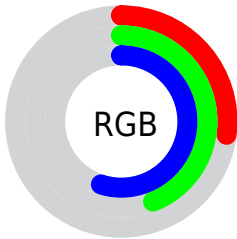
Format	Color
RYB	68, 95, 140
Decimal	4485260
CIELab	45.24, -6.92, -20.03
CIELCh	45, 21.186, 250.949
Yxy	14.7107, 0.2365, 0.2695
Android (android.graphics.Color)	4282675340 (0xFF44708C)
YUV	102.0360, 18.7163, -29.8496
Hunter-Lab	38.3546, -7.0302, -14.8429

Details

The Hex color **44708C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C6044**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **79A4C2**, and **08405A** is the 20% darker color. If you saturate the color by 10%, you get **366B8C**, and if you desaturate by 10%, it is **52758C**.

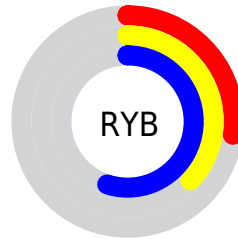
Distribution



Red (27%)

Green (44%)

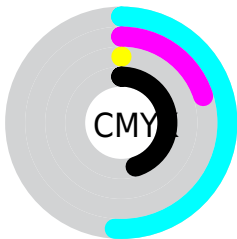
Blue (55%)



Red (27%)

Yellow (37%)

Blue (55%)

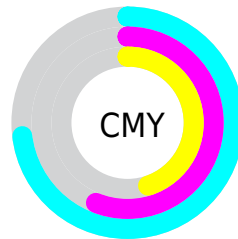


Cyan (51%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44708C 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 44708C by changing the saturation by 10% instead.

■ 44708C

■ 44708C

FFFFFF

■ 295872

■ 79A4C2

■ 08405A

■ 94BFDE

■ 002A42

■ AFDBFA

■ 00162C

■ CBF7FF

■ 000117

■ E8FFFF

■ 000000

■ 44708C

■ 44708C

■ 366B8C

■ 52758C

■ 28658C

■ 607B8C

■ 1A608C

■ 6E808C

■ 0C5A8C

■ 7C868C

■ 00568C

■ 8A8B8C

■ 98918C

■ A6968C

■ B49C8C

■ C2A18C

Harmonies

Analogous

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



347482



44708C



5E6B8E

Triad

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



44708C



8E5E65



5D7150

Complementary

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



44708C



8C6044

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.



716C48



44708C



8C6155

Square

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



44708C



875F77



81664A



49745F

Rectangle

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



44708C



6E6689



81664A



646F4C

Sweetspot

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



44708C



9AAAB5



448C60



4B555C



DBDBDB



5C5C5C

Same Dimension

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



44708C



4589B5



444C8C



3E4245



005185



000305

Inverse Universe

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



8C4470



B54589



8C8444



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 44708C looks on a white background.

Color Contrast Check

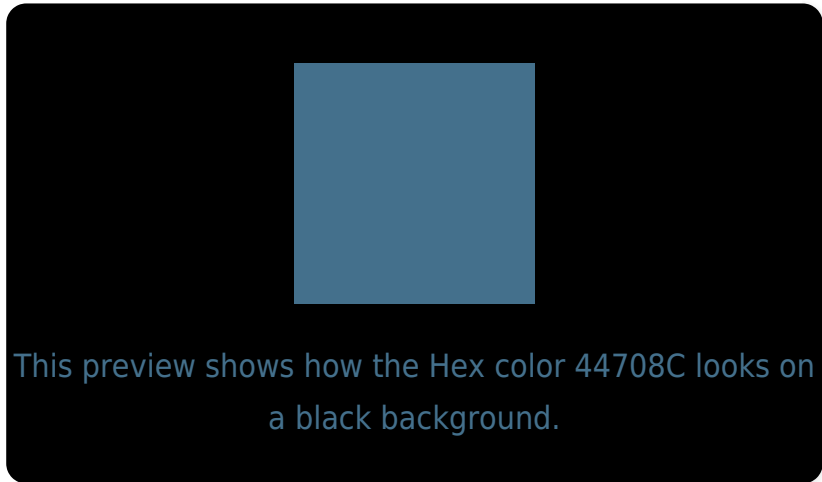
Large Text (above 18pt) WCAG AA ✓ Pass

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

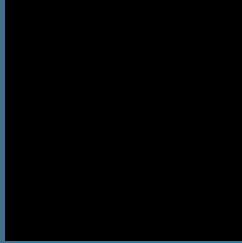
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

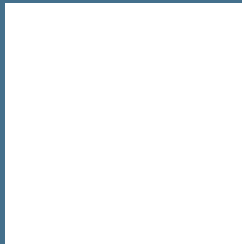
Any Text WCAG AAA × Fail

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

Hex 44708C Background



This preview shows how black text looks on a background with the Hex color 44708C.

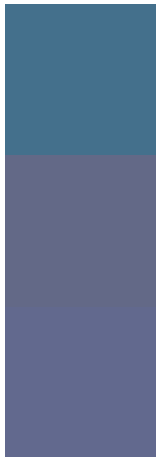


This preview shows how white text looks on a background with the Hex color 44708C.

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
44708C

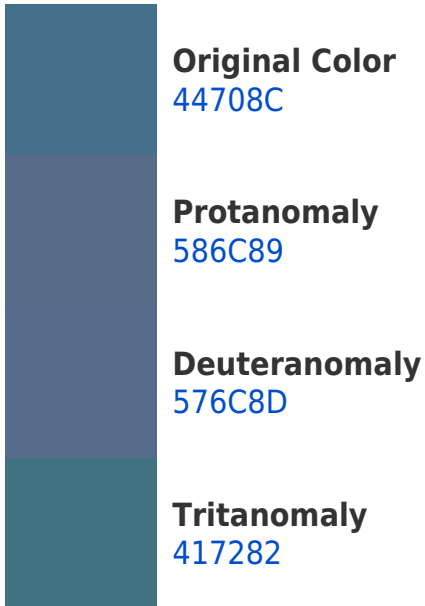
Protanopia
636987

Deuteranopia
62698E



Tritanopia
3F737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44708C 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 #44708C looks like.

```
.text, #text, p{  
    color:#44708C  
}
```

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 #44708C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44708C
}
```

Border

The CSS property to change the border of an element to Hex 44708C is called "border". The border property can be set on classes, ids or directly on the HTML element.

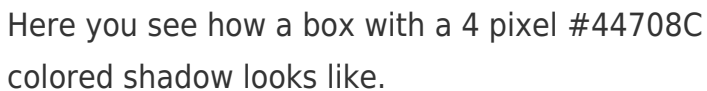
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44708C }
```

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

```
.border{ border-color:#44708C }
```

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



Here you see how a box with a 4 pixel #44708C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44708C; -webkit-box-shadow:4px 4px  
4px 4px #44708C; box-shadow:4px 4px 4px  
4px #44708C }
```

Background

The CSS property to change the background color of an element to Hex 44708C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44708C }
```

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

```
.background{ background-color:#44708C }
```

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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