

Converting Colors

Hex(42728E)

Have a look what the booklet for
Hex(42728E) contains.

Hex(42728E)	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(42728E)

Conversions

Conversions Part 1

Format	Color
Hex	42728E
RGB	66, 114, 142
RGB Percent	26%, 45%, 56%
CMY	0.7412, 0.5529, 0.4431
CMYK	0.54, 0.20, 0.00, 0.44
HSL	202°, 37%, 41%
HSV	202°, 54%, 56%
XYZ	13.1466, 15.1459, 27.8217
YIQ	102.8400, -37.5960, -1.4680

Conversions

Conversions Part 2

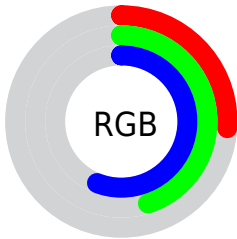
Format	Color
R _Y B	66, 95, 142
Decimal	4354702
CIE Lab	45.83, -7.94, -20.30
CIE LCh	46, 21.802, 248.633
Yxy	15.1459, 0.2343, 0.2699
Android (android.graphics.Color)	4282544782 (0xFF42728E)
YUV	102.8400, 19.3059, -32.3087
Hunter-Lab	38.9177, -7.8079, -15.1432

Details

The Hex color **42728E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E5E42**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **77A6C4**, and **02425C** is the 20% darker color. If you saturate the color by 10%, you get **346D8E**, and if you desaturate by 10%, it is **50778E**.

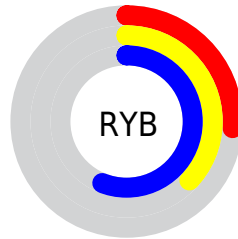
Distribution



 Red (26%)

 Green (45%)

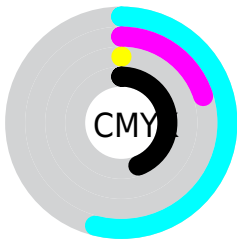
 Blue (56%)




 Red (26%)

 Yellow (37%)

 Blue (56%)

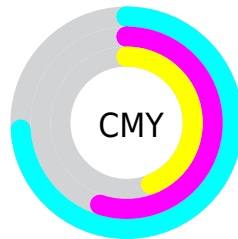



 Cyan (54%)


 Magenta (20%)

 Yellow (0%)

 Black (44%)



 Cyan (74%)

 Magenta (55%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42728E 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 42728E by changing the saturation by 10% instead.

 42728E

 42728E

FFFFFF

 275A74

 77A6C4

 02425C

 92C1E0

 002C44

 AEDDFC

 00182E

 CAF9FF

 000119

 E7FFFF

 000000

 42728E

 42728E

 346D8E

 50778E

 26688E

 5E7C8E

■ 17628E

■ 6D828E

■ 095D8E

■ 7B878E

■ 005A8E

■ 898C8E

■ 97918E

■ A5978E

■ B49C8E

■ C2A18E

Harmonies

Analogous

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



327583



42728E



5C6C90

Triad

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



42728E



915F68



607250

Complementary

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



42728E



8E5E42

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.



746D48



42728E



8F6157

Square

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



42728E



88617A



85674B



4B765F

Rectangle

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



42728E



6E688C



85674B



67714C

Sweetspot

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



42728E



9AADB8



428E5E



4A555C



DBDBDB



5C5C5C

Same Dimension

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



42728E



428CB8



424C8E



404547



005587



000508

Inverse Universe

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



8E4272



B8428C



8E8442



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 42728E looks on a white background.

Color Contrast Check

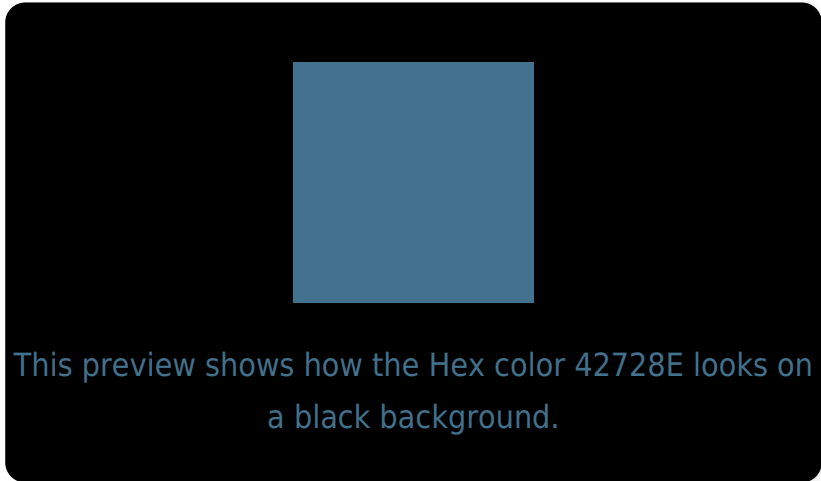
Large Text (above 18pt) WCAG AA ✓ Pass

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

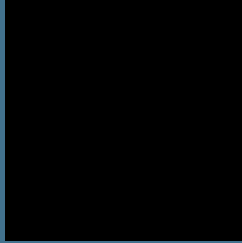
Any Text WCAG AA × Fail

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 42728E Background



This preview shows how black text looks on a background with the Hex color 42728E.

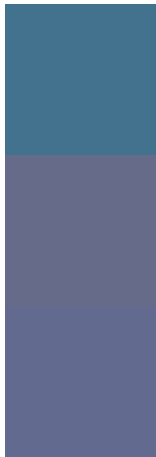


This preview shows how white text looks on a background with the Hex color 42728E.

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
42728E

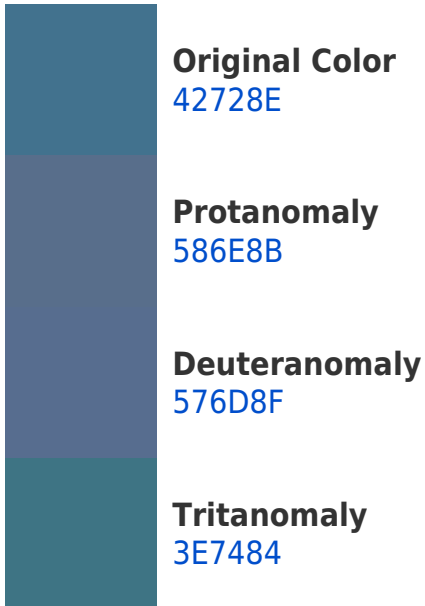
Protanopia
656B89

Deuteranopia
636A90



Tritanopia
3C757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42728E 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 #42728E looks like.

```
.text, #text, p{  
    color:#42728E  
}
```

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 #42728E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42728E
}
```

Border

The CSS property to change the border of an element to Hex 42728E is called "border". The border property can be set on classes, ids or directly on the HTML element.

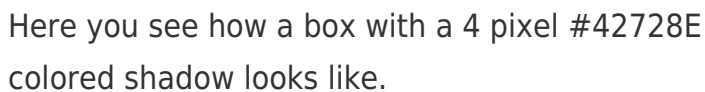
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42728E }
```

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

```
.border{ border-color:#42728E }
```

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



Here you see how a box with a 4 pixel #42728E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42728E; -webkit-box-shadow:4px 4px  
4px 4px #42728E; box-shadow:4px 4px 4px  
4px #42728E }
```

Background

The CSS property to change the background color of an element to Hex 42728E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42728E }
```

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

```
.background{ background-color:#42728E }
```

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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