

Converting Colors

Hex(42668A)

Have a look what the booklet for
Hex(42668A) contains.

Hex(42668A)	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(42668A)

Conversions

Conversions Part 1

Format	Color
Hex	42668A
RGB	66, 102, 138
RGB Percent	26%, 40%, 54%
CMY	0.7412, 0.6000, 0.4588
CMYK	0.52, 0.26, 0.00, 0.46
HSL	210°, 35%, 40%
HSV	210°, 52%, 54%
XYZ	11.5856, 12.4960, 25.8461
YIQ	95.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

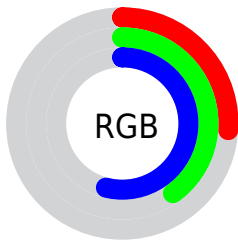
Format	Color
R_{YB}	66, 90, 138
Decimal	4351626
CIE _{Lab}	41.99, -2.06, -23.85
CIE _{LCh}	42, 23.934, 265.058
Yxy	12.4960, 0.2320, 0.2503
Android (android.graphics.Color)	4282541706 (0xFF42668A)
YUV	95.3400, 21.0314, -25.7312
Hunter-Lab	35.3496, -3.3598, -18.6055

Details

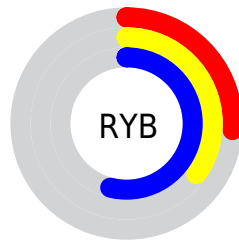
The Hex color **42668A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A6642**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7699C0**, and **063758** is the 20% darker color. If you saturate the color by 10%, you get **345F8A**, and if you desaturate by 10%, it is **506D8A**.

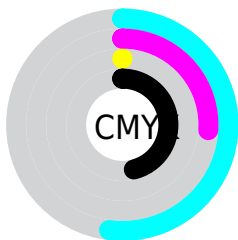
Distribution



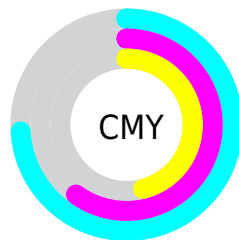
- Red (26%)
- Green (40%)
- Blue (54%)



- Red (26%)
- Yellow (35%)
- Blue (54%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (46%)



- Cyan (74%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42668A 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 42668A by changing the saturation by 10% instead.

■ 42668A

■ 42668A

FFFFFF

■ 274E70

■ 7699C0

■ 063758

■ 91B4DC

■ 002240

■ ADCFF8

■ 000C2A

■ C9EBFF

■ 000115

■ E6FFFF

■ 000000

■ 42668A

■ 42668A

■ 345F8A

■ 506D8A

■ 26588A

■ 5E748A

■ 19518A

■ 6B7B8A

■ 0B4A8A

■ 79828A

■ 00458A

■ 87898A

■ 958F8A

■ A3968A

■ B09D8A

■ BEA48A

Harmonies

Analogous

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



236B83



42668A



615F87

Triad

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



42668A



8A5553



486B4C

Complementary

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



42668A



8A6642

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.



5F673F



42668A



825A43

Square

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



42668A



875467



73613C



306E5F

Rectangle

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



42668A



725A7F



73613C



506A47

Sweetspot

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



42668A



96A4B3



428A66



485159



D9D9D9



595959

Same Dimension

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



42668A



427AB3



42428A



3E4145



004285



000305

Inverse Universe

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



8A4266



B3427A



8A8A42



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 42668A looks on a white background.

Color Contrast Check

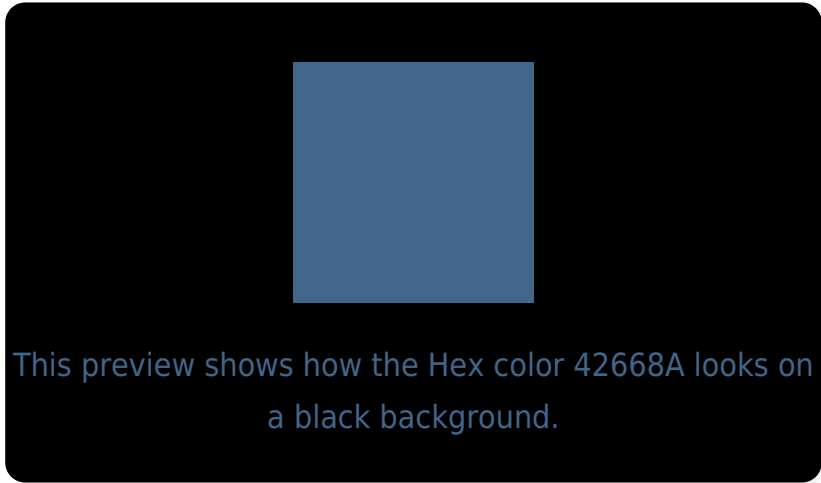
Large Text (above 18pt) WCAG AA ✓ Pass

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

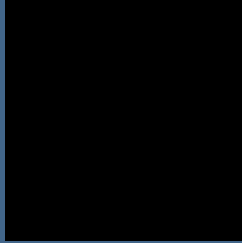
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

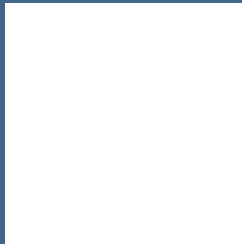
Any Text WCAG AAA × Fail

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

Hex 42668A Background



This preview shows how black text looks on a background with the Hex color 42668A.

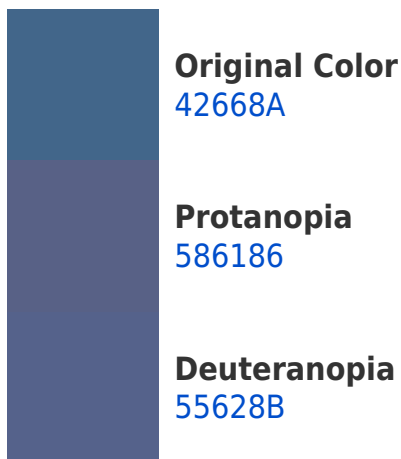



This preview shows how white text looks on a background with the Hex color 42668A.

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](#).

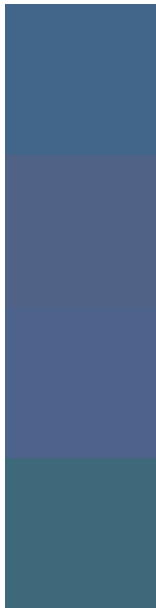
Dichromacy





Tritanopia
3A6A73

Trichromacy



Original Color
42668A

Protanomaly
506387

Deuteranomaly
4E638B

Tritanomaly
3D697B

Monochromacy



Original Color
42668A

Achromatopsia
5F5F5F

Achromatomaly
54626F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42668A 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 #42668A looks like.

```
.text, #text, p{  
    color:#42668A  
}
```

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 #42668A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42668A
}
```

Border

The CSS property to change the border of an element to Hex 42668A is called "border". The border property can be set on classes, ids or directly on the HTML element.

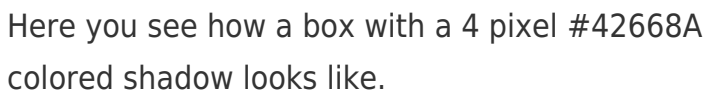
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42668A }
```

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

```
.border{ border-color:#42668A }
```

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



Here you see how a box with a 4 pixel #42668A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42668A; -webkit-box-shadow:4px 4px  
4px 4px #42668A; box-shadow:4px 4px 4px  
4px #42668A }
```

Background

The CSS property to change the background color of an element to Hex 42668A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42668A }
```

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

```
.background{ background-color:#42668A }
```

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