

Converting Colors

Hex(45648B)

Have a look what the booklet for
Hex(45648B) contains.

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Color

Hex(45648B)

Conversions

Conversions Part 1

Format	Color
Hex	45648B
RGB	69, 100, 139
RGB Percent	27%, 39%, 55%
CMY	0.7294, 0.6078, 0.4549
CMYK	0.50, 0.28, 0.00, 0.45
HSL	213°, 34%, 41%
HSV	213°, 50%, 55%
XYZ	11.6716, 12.2436, 26.1742
YIQ	95.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

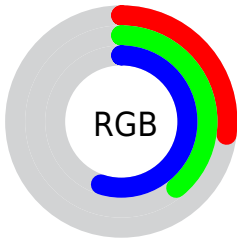
Format	Color
R_{YB}	69, 90, 139
Decimal	4547723
CIE _{Lab}	41.60, 0.24, -25.04
CIE _{LCh}	42, 25.046, 270.559
Yxy	12.2436, 0.2330, 0.2444
Android (android.graphics.Color)	4282737803 (0xFF45648B)
YUV	95.1770, 21.6047, -22.9572
Hunter-Lab	34.9909, -1.6934, -19.8570

Details

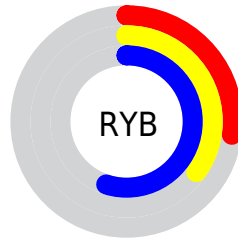
The Hex color **45648B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6C45**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7997C1**, and **0C3659** is the 20% darker color. If you saturate the color by 10%, you get **375C8B**, and if you desaturate by 10%, it is **536C8B**.

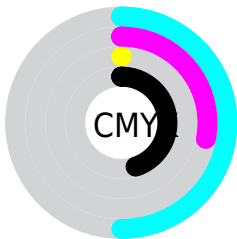
Distribution



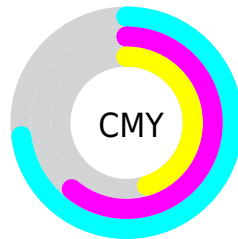
- Red (27%)
- Green (39%)
- Blue (55%)



- Red (27%)
- Yellow (35%)
- Blue (55%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45648B 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 45648B by changing the saturation by 10% instead.

■ 45648B

■ 45648B

FFFFFF

■ 2B4C71

■ 7997C1

■ 0C3659

■ 94B1DD

■ 002141

■ B0CDF9

■ 00092B

■ CCE9FF

■ 000116

■ E8FFFF

■ 000000

■ 45648B

■ 45648B

■ 375C8B

■ 536C8B

■ 29558B

■ 61738B

■ 1B4D8B

■ 6F7B8B

■ 0D458B

■ 7D838B

■ 003E8B

■ 8B8B8B

■ 98928B

■ A69A8B

■ B4A28B

■ C2AA8B

Harmonies

Analogous

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



216A85



45648B



655D86

Triad

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



45648B



89544E



416B4D

Complementary

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



45648B



8B6C45

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.



5A673E



45648B



805A3F

Square

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



45648B



895263



6F6139



266D62

Rectangle

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



45648B



76587C



6F6139



4A6A47

Sweetspot

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



45648B



9AA6B5



458B6B



4B535C



DBDBDB



5C5C5C

Same Dimension

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



45648B



4879B5



49458B



3E4145



003B85



000205

Inverse Universe

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



8B4564



B54879



888B45



453E41



85003B



050002

Previews

White Background



This preview shows how the Hex color 45648B looks on a white background.

Color Contrast Check

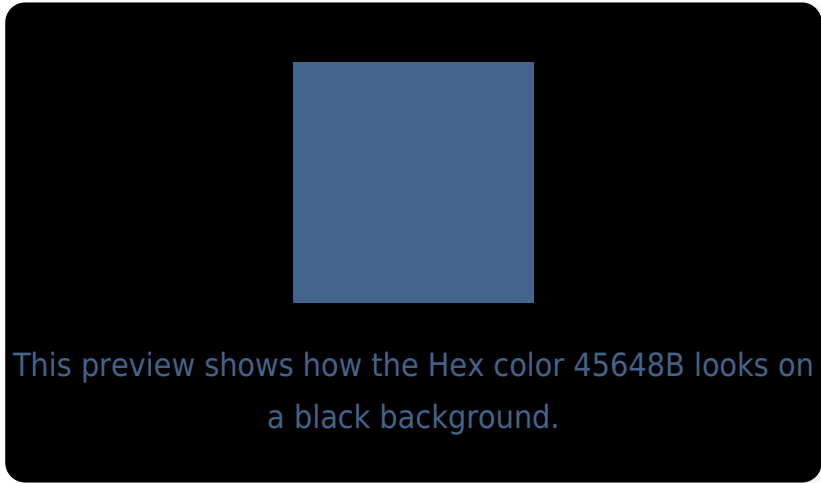
Large Text (above 18pt) WCAG AA ✓ Pass

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 45648B Background



This preview shows how black text looks on a background with the Hex color 45648B.



This preview shows how white text looks on a background with the Hex color 45648B.

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
3D6971

Trichromacy



Original Color
45648B

Protanomaly
506189

Deuteranomaly
4D628C

Tritanomaly
40677A

Monochromacy



Original Color
45648B

Achromatopsia
5F5F5F

Achromatomaly
56616F

CSS Examples

Text

The CSS property to change the color of the text to Hex 45648B 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 #45648B looks like.

```
.text, #text, p{  
    color:#45648B  
}
```

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 #45648B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45648B
}
```

Border

The CSS property to change the border of an element to Hex 45648B 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
#45648B }
```

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

```
.border{ border-color:#45648B }
```

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

Here you see how a box with a 4 pixel #45648B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45648B; -webkit-box-shadow:4px 4px  
4px 4px #45648B; box-shadow:4px 4px 4px  
4px #45648B }
```

Background

The CSS property to change the background color of an element to Hex 45648B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45648B }
```

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

```
.background{ background-color:#45648B }
```

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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