

Converting Colors

Hex(45578C)

Have a look what the booklet for
Hex(45578C) contains.

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Color

Hex(45578C)

Conversions

Conversions Part 1

Format	Color
Hex	45578C
RGB	69, 87, 140
RGB Percent	27%, 34%, 55%
CMY	0.7294, 0.6588, 0.4510
CMYK	0.51, 0.38, 0.00, 0.45
HSL	225°, 34%, 41%
HSV	225°, 51%, 55%
XYZ	10.5961, 9.9750, 26.1778
YIQ	87.6600, -27.7410, 12.6670

Conversions

Conversions Part 2

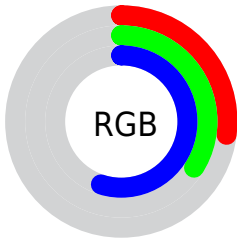
Format	Color
R_{YB}	69, 83, 140
Decimal	4544396
CIE _{Lab}	37.80, 8.76, -31.61
CIE _{LCh}	38, 32.798, 285.484
Yxy	9.9750, 0.2267, 0.2134
Android (android.graphics.Color)	4282734476 (0xFF45578C)
YUV	87.6600, 25.8036, -16.3648
Hunter-Lab	31.5833, 4.6152, -27.0343

Details

The Hex color **45578C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C7A45**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7989C2**, and **0B2A59** is the 20% darker color. If you saturate the color by 10%, you get **374D8C**, and if you desaturate by 10%, it is **53618C**.

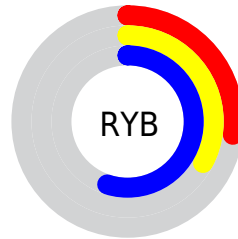
Distribution



Red (27%)

Green (34%)

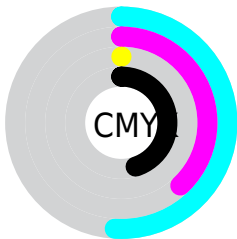
Blue (55%)



Red (27%)

Yellow (33%)

Blue (55%)

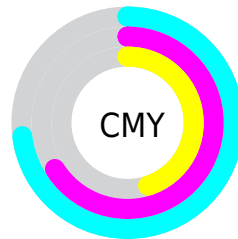


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45578C 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 45578C by changing the saturation by 10% instead.

■ 45578C

■ 45578C

FFFFFF

■ 2B4072

■ 7989C2

■ 0B2A59

■ 94A3DE

■ 001642

■ B0BEFB

■ 00032B

■ CCD9FF

■ 000116

■ E9F6FF

■ 000000

■ 45578C

■ 45578C

■ 374D8C

■ 53618C

■ 29428C

■ 616C8C

■ 1B388C

■ 6F768C

■ 0D2D8C

■ 7D818C

■ 00238C

■ 8B8B8C

■ 99968C

■ A7A08C

■ B5AB8C

■ C3B58C

Harmonies

Analogous

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



005F8C



45578C



6C4D7E

Triad

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



45578C



844934



0B654B

Complementary

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



45578C



8C7A45

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.



3D6232



45578C



735325

Square

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



45578C



8B434C



5B5C24



006666

Rectangle

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



45578C



7D466F



5B5C24



226542

Sweetspot

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



45578C



9AA1B5



458C79



4B4F5C



DBDBDB



5C5C5C

Same Dimension

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



45578C



4763B5



56458C



3E4045



002285



000105

Inverse Universe

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



8C4557



B54763



7B8C45



453E40



850022



050001

Previews

White Background



This preview shows how the Hex color 45578C looks on a white background.

Color Contrast Check

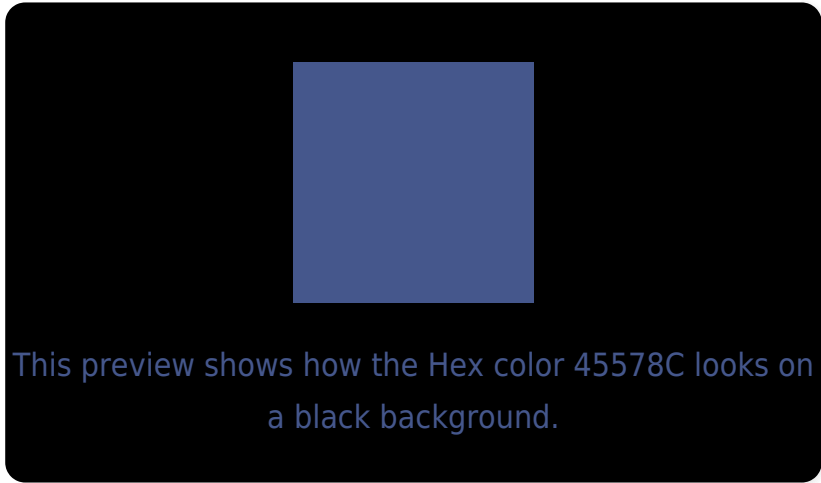
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 45578C Background



This preview shows how black text looks on a background with the Hex color 45578C.



This preview shows how white text looks on a background with the Hex color 45578C.

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
45578C

Protanopia
45578C

Deuteranopia
3D598C



Tritanopia
395F66

Trichromacy



Original Color
45578C

Protanomaly
45578C

Deuteranomaly
40588C

Tritanomaly
3D5C74

Monochromacy



Original Color
45578C

Achromatopsia
585858

Achromatomaly
51586B

CSS Examples

Text

The CSS property to change the color of the text to Hex 45578C 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 #45578C looks like.

```
.text, #text, p{  
    color:#45578C  
}
```

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 #45578C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45578C
}
```

Border

The CSS property to change the border of an element to Hex 45578C is called "border". The border property can be set on classes, ids or directly on the HTML element.

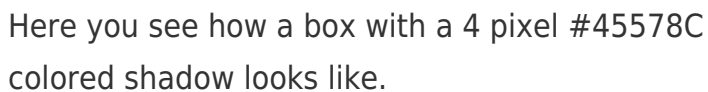
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45578C }
```

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

```
.border{ border-color:#45578C }
```

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



Here you see how a box with a 4 pixel #45578C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45578C; -webkit-box-shadow:4px 4px  
4px 4px #45578C; box-shadow:4px 4px 4px  
4px #45578C }
```

Background

The CSS property to change the background color of an element to Hex 45578C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45578C }
```

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

```
.background{ background-color:#45578C }
```

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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