

Converting Colors

Hex(13478E)

Have a look what the booklet for
Hex(13478E) contains.

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Color

Hex(13478E)

Conversions

Conversions Part 1

Format	Color
Hex	13478E
RGB	19, 71, 142
RGB Percent	7%, 28%, 56%
CMY	0.9255, 0.7216, 0.4431
CMYK	0.87, 0.50, 0.00, 0.44
HSL	215°, 76%, 32%
HSV	215°, 87%, 56%
XYZ	7.4043, 6.5979, 26.4745
YIQ	63.5460, -53.7830, 11.0570

Conversions

Conversions Part 2

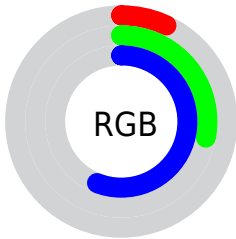
Format	Color
R_{YB}	19, 56, 142
Decimal	1263502
CIE _{Lab}	30.87, 11.50, -44.01
CIE _{LCh}	31, 45.492, 284.645
Yxy	6.5979, 0.1829, 0.1630
Android (android.graphics.Color)	4279453582 (0xFF13478E)
YUV	63.5460, 38.6778, -39.0668
Hunter-Lab	25.6864, 6.5026, -43.1285

Details

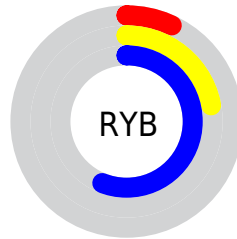
The Hex color **13478E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E5A13**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5777C4**, and **001D5B** is the 20% darker color. If you saturate the color by 10%, you get **053F8E**, and if you desaturate by 10%, it is **214F8E**.

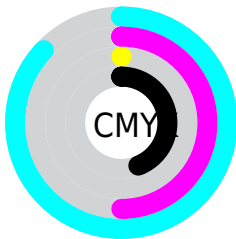
Distribution



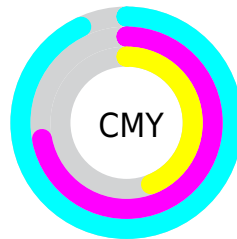
- Red (7%)
- Green (28%)
- Blue (56%)



- Red (7%)
- Yellow (22%)
- Blue (56%)



- Cyan (87%)
- Magenta (50%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (72%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13478E 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 13478E by changing the saturation by 10% instead.

■ 13478E

■ 13478E

FFFFFF

■ 003174

■ 5777C4

■ 001D5B

■ 7390E1

■ 000143

■ 90ABFD

■ 00032C

■ ACC6FF

■ 000116

■ C9E2FF

■ 000000

■ E6FEFF

■ 13478E

■ 13478E

■ 053F8E

■ 214F8E

■ 003C8E

■ 2F578E

■ 3E608E

■ 4C688E

■ 5A708E

■ 68788E

■ 76808E

■ 85898E

■ 93918E

Harmonies

Analogous

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



00528D



13478E



60377C

Triad

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



13478E



7E3017



005835

Complementary

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



13478E



8E5A13

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.



1D5410



13478E



684000

Square

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



13478E



872239



494C00



00595A

Rectangle

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



13478E



772A68



494C00



005728

Sweetspot

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



13478E



889CB8



138E59



3F4B5C



DBDBDB



5C5C5C

Same Dimension

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



13478E



004EB8



1B138E



404347



003987



000308

Inverse Universe

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



8E1347



B8004E



868E13



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 13478E looks on a white background.

Color Contrast Check

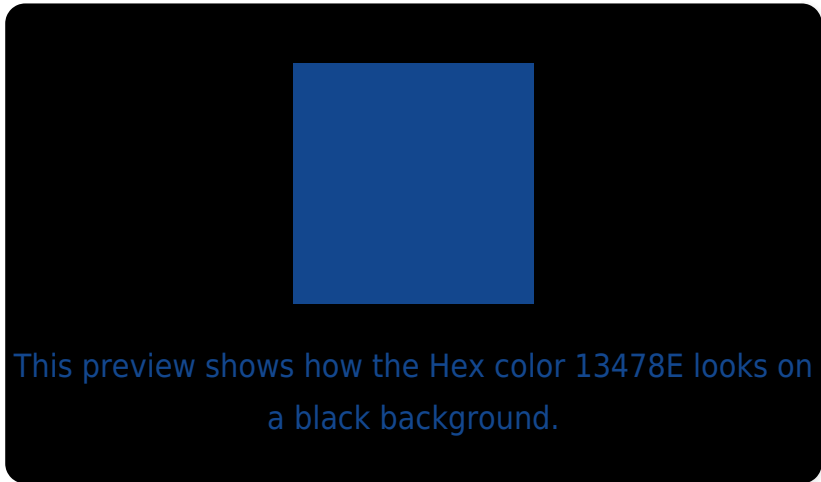
Large Text (above 18pt) WCAG AA ✓ Pass

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

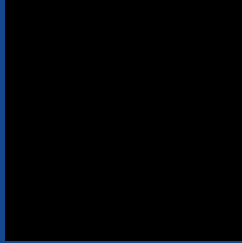
Any Text WCAG AA × Fail

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 13478E Background



This preview shows how black text looks on a background with the Hex color 13478E.



This preview shows how white text looks on a background with the Hex color 13478E.

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
13478E

Protanopia
1E468D

Deuteranopia
004A81

Trichromacy



Original Color
13478E

Protanomaly
1A468D

Deuteranomaly
074986

Tritanomaly
074D6A

Monochromacy



Original Color
13478E

Achromatopsia
404040

Achromatomaly
30435C

CSS Examples

Text

The CSS property to change the color of the text to Hex 13478E 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 #13478E looks like.

```
.text, #text, p{  
    color:#13478E  
}
```

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 #13478E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13478E
}
```

Border

The CSS property to change the border of an element to Hex 13478E is called "border". The border property can be set on classes, ids or directly on the HTML element.

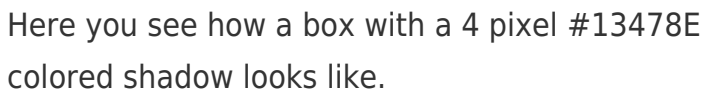
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13478E }
```

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

```
.border{ border-color:#13478E }
```

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



Here you see how a box with a 4 pixel #13478E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13478E; -webkit-box-shadow:4px 4px  
4px 4px #13478E; box-shadow:4px 4px 4px  
4px #13478E }
```

Background

The CSS property to change the background color of an element to Hex 13478E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13478E }
```

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

```
.background{ background-color:#13478E }
```

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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