

Converting Colors

Hex(18468E)

Have a look what the booklet for
Hex(18468E) contains.

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Color

Hex(18468E)

Conversions

Conversions Part 1

Format	Color
Hex	18468E
RGB	24, 70, 142
RGB Percent	9%, 27%, 56%
CMY	0.9059, 0.7255, 0.4431
CMYK	0.83, 0.51, 0.00, 0.44
HSL	217°, 71%, 33%
HSV	217°, 83%, 56%
XYZ	7.4493, 6.5275, 26.4585
YIQ	64.4540, -50.5280, 12.6400

Conversions

Conversions Part 2

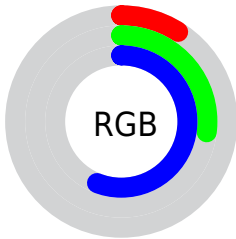
Format	Color
R_{YB}	24, 57, 142
Decimal	1590926
CIE _{Lab}	30.71, 12.66, -44.28
CIE _{LCh}	31, 46.050, 285.951
Yxy	6.5275, 0.1842, 0.1614
Android (android.graphics.Color)	4279781006 (0xFF18468E)
YUV	64.4540, 38.2302, -35.4782
Hunter-Lab	25.5490, 7.3347, -43.5164

Details

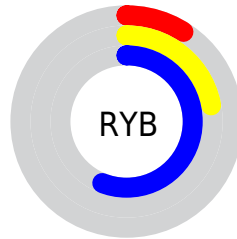
The Hex color **18468E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8E6018**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5976C4**, and **001C5B** is the 20% darker color. If you saturate the color by 10%, you get **0A3D8E**, and if you desaturate by 10%, it is **264F8E**.

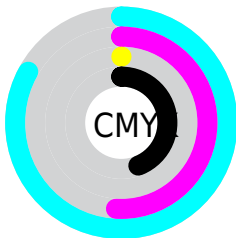
Distribution



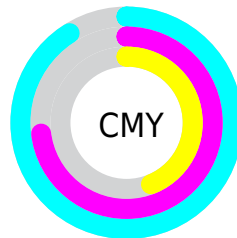
- Red (9%)
- Green (27%)
- Blue (56%)



- Red (9%)
- Yellow (22%)
- Blue (56%)



- Cyan (83%)
- Magenta (51%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (73%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18468E 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 18468E by changing the saturation by 10% instead.

■ 18468E

■ 18468E

FFFFFF

■ 003074

■ 5976C4

■ 001C5B

■ 758FE1

■ 000043

■ 92AAFD

■ 00032C

■ AEC5FF

■ 000116

■ CBE1FF

■ 000000

■ E8FDFF

■ 18468E

■ 18468E

■ 0A3D8E

■ 264F8E

■ 00378E

■ 34578E

■ 43608E

■ 51698E

■ 5F718E

■ 6D7A8E

■ 7B838E

■ 8A8B8E

■ 98948E

Harmonies

Analogous

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



00518E



18468E



61357B

Triad

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



18468E



7D3015



005736

Complementary

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



18468E



8E6018

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.



185410



18468E



664000

Square

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



18468E



872137



464C00



00585B

Rectangle

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



18468E



782966



464C00



005629

Sweetspot

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



18468E



8A9CB8



188E5F



404B5C



DBDBDB



5C5C5C

Same Dimension

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



18468E



0048B8



24188E



404347



003587



000308

Inverse Universe

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



8E1846



B80048



828E18



474043



870035



080003

Previews

White Background



This preview shows how the Hex color 18468E looks on a white background.

Color Contrast Check

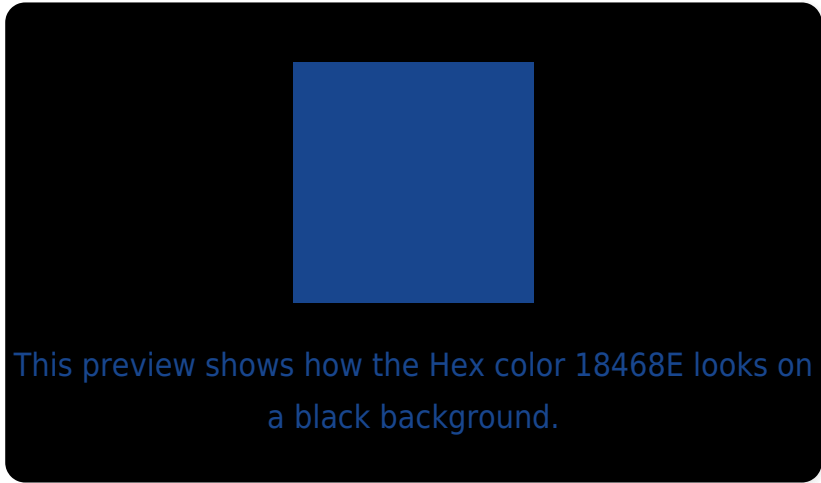
Large Text (above 18pt) WCAG AA ✓ Pass

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

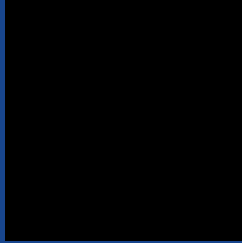
Any Text WCAG AA × Fail

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 18468E Background



This preview shows how black text looks on a background with the Hex color 18468E.



This preview shows how white text looks on a background with the Hex color 18468E.

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
18468E

Protanopia
1B468E

Deuteranopia
004A80

Trichromacy



Original Color
18468E

Protanomaly
1A468E

Deuteranomaly
094985

Tritanomaly
094C6A

Monochromacy



Original Color
18468E

Achromatopsia
404040

Achromatomaly
31425C

CSS Examples

Text

The CSS property to change the color of the text to Hex 18468E 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 #18468E looks like.

```
.text, #text, p{  
    color:#18468E  
}
```

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 #18468E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18468E
}
```

Border

The CSS property to change the border of an element to Hex 18468E 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
#18468E }
```

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

```
.border{ border-color:#18468E }
```

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

Here you see how a box with a 4 pixel #18468E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18468E; -webkit-box-shadow:4px 4px  
4px 4px #18468E; box-shadow:4px 4px 4px  
4px #18468E }
```

Background

The CSS property to change the background color of an element to Hex 18468E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18468E }
```

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

```
.background{ background-color:#18468E }
```

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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