

Converting Colors

Hex(114839)

Have a look what the booklet for
Hex(114839) contains.

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Color

Hex(114839)

Conversions

Conversions Part 1

Format	Color
Hex	114839
RGB	17, 72, 57
RGB Percent	7%, 28%, 22%
CMY	0.9333, 0.7176, 0.7765
CMYK	0.76, 0.00, 0.21, 0.72
HSL	164°, 62%, 17%
HSV	164°, 76%, 28%
XYZ	3.2871, 5.0493, 4.6723
YIQ	53.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

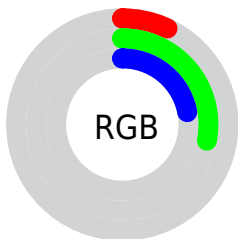
Format	Color
R_{YB}	17, 49, 72
Decimal	1132601
CIE _{Lab}	26.87, -21.90, 3.90
CIE _{LCh}	27, 22.248, 169.898
Yxy	5.0493, 0.2527, 0.3882
Android (android.graphics.Color)	4279322681 (0xFF114839)
YUV	53.8450, 1.5554, -32.3131
Hunter-Lab	22.4707, -13.2124, 3.4015

Details

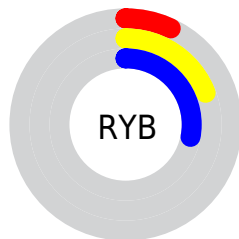
The Hex color **114839** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **481120**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **457968**, and **001E0E** is the 20% darker color. If you saturate the color by 10%, you get **0A4837**, and if you desaturate by 10%, it is **18483B**.

Distribution



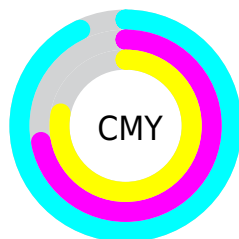
- Red (7%)
- Green (28%)
- Blue (22%)



- Red (7%)
- Yellow (19%)
- Blue (28%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (72%)





- Cyan (93%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114839 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 114839 by changing the saturation by 10% instead.

 114839

 114839

FFFFFF

 003124

 457968

 001E0E

 5E9381

 000000


 78AE9B


 92C9B6

 ADE5D1

 C9FFEE

 E6FFFF

 114839

 114839

■ 0A4837

■ 18483B

■ 034835

■ 1F483D

■ 004834

■ 27483F

■ 2E4841

■ 354843

■ 3C4845

■ 434847

■ 4B4849

■ 52484B

Harmonies

Analogous

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



2B4629



114839



00484B

Triad

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



114839



383D5F



5B3726

Complementary

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



114839



481120

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.



603235



114839



4F3756

Square

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



114839



174361



5C3246



4F3D1E

Rectangle

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



114839



004755



5C3246



5E352B

Sweetspot

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



114839



495E58



214811



23302D



B0B0B0



303030

Same Dimension

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



114839



085E47



113C48



202423



006348



00E3A5

Inverse Universe

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



481120



5E081F



481D11



242021



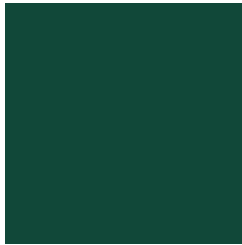
63001B



E3003E

Previews

White Background



This preview shows how the Hex color 114839 looks on a white background.

Color Contrast Check

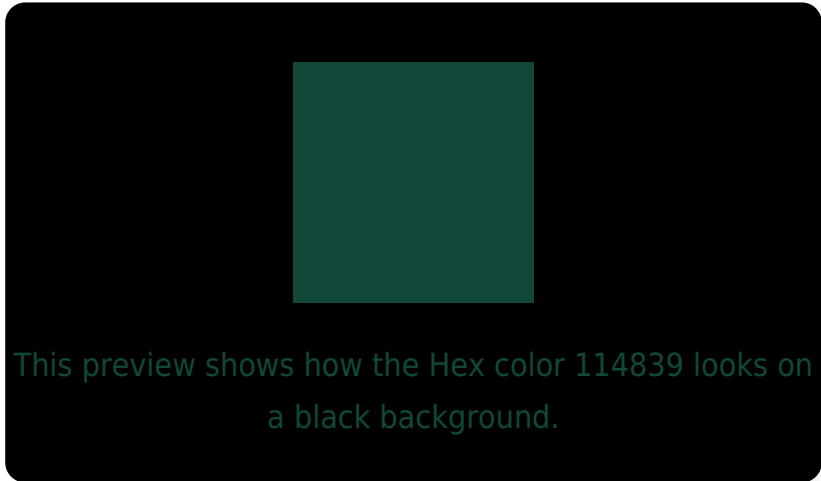
Large Text (above 18pt) WCAG AA ✓ Pass

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

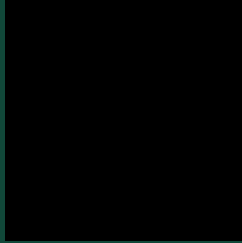
Any Text WCAG AA × Fail

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 114839 Background



This preview shows how black text looks on a background with the Hex color 114839.



This preview shows how white text looks on a background with the Hex color 114839.

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
114839

Protanopia
433F35

Deuteranopia
473D3B



Tritanopia
1B464B

Trichromacy



Original Color
114839

Protanomaly
314236

Deuteranomaly
33413A

Tritanomaly
174744

Monochromacy



Original Color
114839

Achromatopsia
363636

Achromatomaly
293D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 114839 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 #114839 looks like.

```
.text, #text, p{  
    color:#114839  
}
```

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 #114839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114839
}
```

Border

The CSS property to change the border of an element to Hex 114839 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".

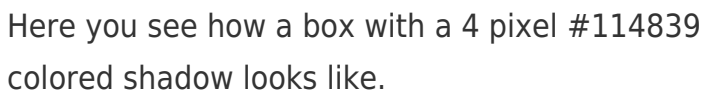
```
.border, #border, table{ border:4px solid
#114839 }
```

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

```
.border{ border-color:#114839 }
```

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

Here you see how a box with a 4 pixel #114839 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114839; -webkit-box-shadow:4px 4px  
4px 4px #114839; box-shadow:4px 4px 4px  
4px #114839 }
```

Background

The CSS property to change the background color of an element to Hex 114839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114839 }
```

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

```
.background{ background-color:#114839 }
```

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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