

Converting Colors

Hex(114879)

Have a look what the booklet for
Hex(114879) contains.

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Color

Hex(114879)

Conversions

Conversions Part 1

Format	Color
Hex	114879
RGB	17, 72, 121
RGB Percent	7%, 28%, 47%
CMY	0.9333, 0.7176, 0.5255
CMYK	0.86, 0.40, 0.00, 0.53
HSL	208°, 75%, 27%
HSV	208°, 86%, 47%
XYZ	5.9997, 6.1344, 18.9570
YIQ	61.1410, -48.5090, 3.5790

Conversions

Conversions Part 2

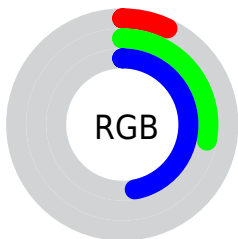
Format	Color
R_{YB}	17, 53, 121
Decimal	1132665
CIE Lab	29.75, 1.89, -32.80
CIE LCh	30, 32.854, 273.296
Yxy	6.1344, 0.1930, 0.1973
Android (android.graphics.Color)	4279322745 (0xFF114879)
YUV	61.1410, 29.5105, -38.7117
Hunter-Lab	24.7677, -0.1036, -28.0428

Details

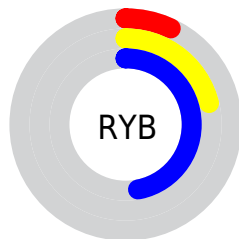
The Hex color **114879** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **794211**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5078AE**, and **001D48** is the 20% darker color. If you saturate the color by 10%, you get **054279**, and if you desaturate by 10%, it is **1D4E79**.

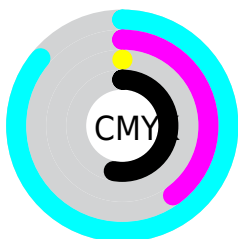
Distribution



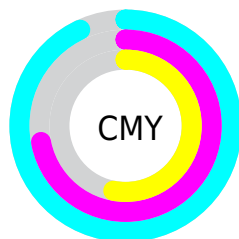
- Red (7%)
- Green (28%)
- Blue (47%)



- Red (7%)
- Yellow (21%)
- Blue (47%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (93%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114879 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 114879 by changing the saturation by 10% instead.

■ 114879

■ 114879

FFFFFF

■ 003260

■ 5078AE

■ 001D48

■ 6C92C9

■ 000331

■ 87ACE5

■ 00011B

■ A3C7FF

■ 000000

■ BFE3FF

■ DCFFFF

■ F9FFFF

■ 114879

■ 114879

■ 054279

■ 1D4E79

■ 004079

■ 295379

■ 355979

■ 415F79

■ 4D6579

■ 5A6A79

■ 667079

■ 727679

■ 7E7B79

Harmonies

Analogous

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



004F73



114879



4B3E71

Triad

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



114879



72332C



0E512E

Complementary

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



114879



794211

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.



374D19



114879



663C18

Square

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



114879



742F44



51460F



005248

Rectangle

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



114879



603765



51460F



205026

Sweetspot

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



114879



758B9E



117942



37444F



CFCFCF



4F4F4F

Same Dimension

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



114879



00549E



111479



373A3D



00427D



0086FC

Inverse Universe

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



791148



9E0054



797611



3D373A



7D0042



FC0086

Previews

White Background



This preview shows how the Hex color 114879 looks on a white background.

Color Contrast Check

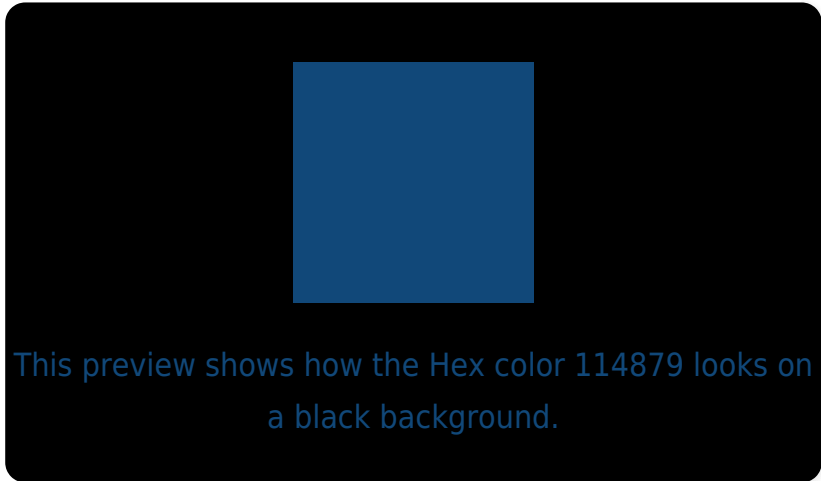
Large Text (above 18pt) WCAG AA ✓ Pass

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

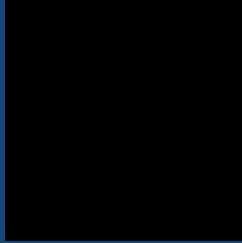
Any Text WCAG AA × Fail

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 114879 Background



This preview shows how black text looks on a background with the Hex color 114879.

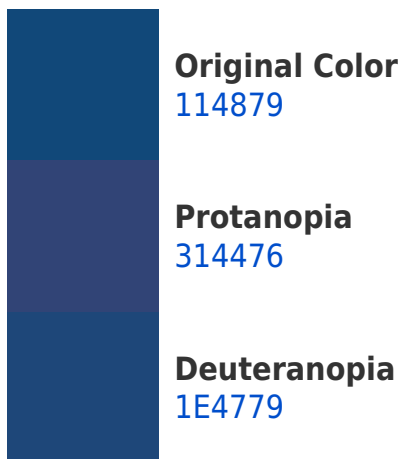


This preview shows how white text looks on a background with the Hex color 114879.

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](#).

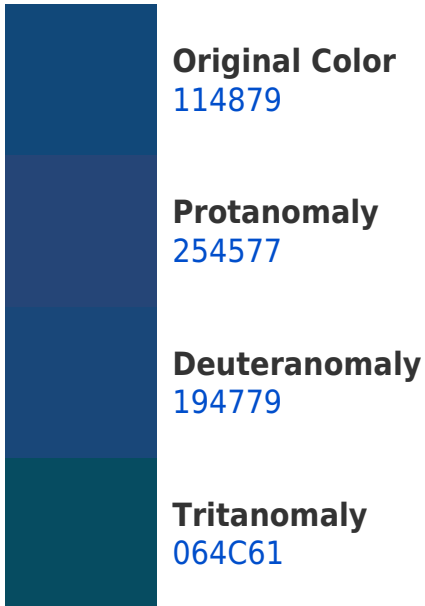
Dichromacy





Tritanopia
004E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 114879 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 #114879 looks like.

```
.text, #text, p{  
    color:#114879  
}
```

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 #114879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114879
}
```

Border

The CSS property to change the border of an element to Hex 114879 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
#114879 }
```

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

```
.border{ border-color:#114879 }
```

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

Here you see how a box with a 4 pixel #114879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114879; -webkit-box-shadow:4px 4px  
4px 4px #114879; box-shadow:4px 4px 4px  
4px #114879 }
```

Background

The CSS property to change the background color of an element to Hex 114879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114879 }
```

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

```
.background{ background-color:#114879 }
```

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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