

Converting Colors

Hex(114762)

Have a look what the booklet for
Hex(114762) contains.

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Color

Hex(114762)

Conversions

Conversions Part 1

Format	Color
Hex	114762
RGB	17, 71, 98
RGB Percent	7%, 28%, 38%
CMY	0.9333, 0.7216, 0.6157
CMYK	0.83, 0.28, 0.00, 0.62
HSL	200°, 70%, 23%
HSV	200°, 83%, 38%
XYZ	4.6890, 5.5075, 12.3712
YIQ	57.9320, -40.8510, -3.0510

Conversions

Conversions Part 2

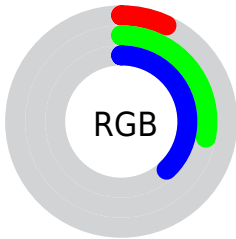
Format	Color
RYB	17, 49, 98
Decimal	1132386
CIELab	28.13, -6.85, -20.77
CIELCh	28, 21.876, 251.740
Yxy	5.5075, 0.2078, 0.2440
Android (android.graphics.Color)	4279322466 (0xFF114762)
YUV	57.9320, 19.7535, -35.8974
Hunter-Lab	23.4680, -5.4040, -14.8271

Details

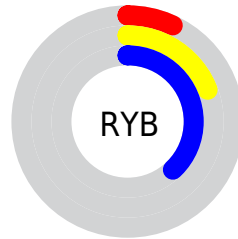
The Hex color **114762** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **622C11**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4A7795**, and **001C33** is the 20% darker color. If you saturate the color by 10%, you get **074462**, and if you desaturate by 10%, it is **1B4A62**.

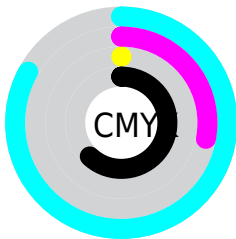
Distribution



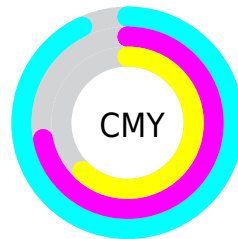
- Red (7%)
- Green (28%)
- Blue (38%)



- Red (7%)
- Yellow (19%)
- Blue (38%)



- Cyan (83%)
- Magenta (28%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114762 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 114762 by changing the saturation by 10% instead.

■ 114762

■ 114762

FFFFFF

■ 00314A

■ 4A7795

■ 001C33

■ 6591B0

■ 00021E

■ 7FABCB

■ 000001

■ 9BC7E7

■ 000000

■ B6E3FF

■ D3FFFF

■ F0FFFF

■ 114762

■ 114762

■ 074462

■ 1B4A62

■ 004162

■ 254E62

■ 2E5162

■ 385462

■ 425762

■ 4C5B62

■ 565E62

■ 5F6162

■ 696462

Harmonies

Analogous

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



004A58



114762



344263

Triad

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



114762



63353C



344829

Complementary

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



114762



622C11

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.



474421



114762



60382D

Square

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



114762



5C364D



563E22



1E4A37

Rectangle

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



114762



453E5F



563E22



3B4725

Sweetspot

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



114762



607580



11622C



2D3940



BFBFBF



404040

Same Dimension

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



114762



015580



111F62



2C2F30



004B70



00A0F0

Inverse Universe

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



621147



800155



625511



302C2F



70004B



F000A0

Previews

White Background



This preview shows how the Hex color 114762 looks on a white background.

Color Contrast Check

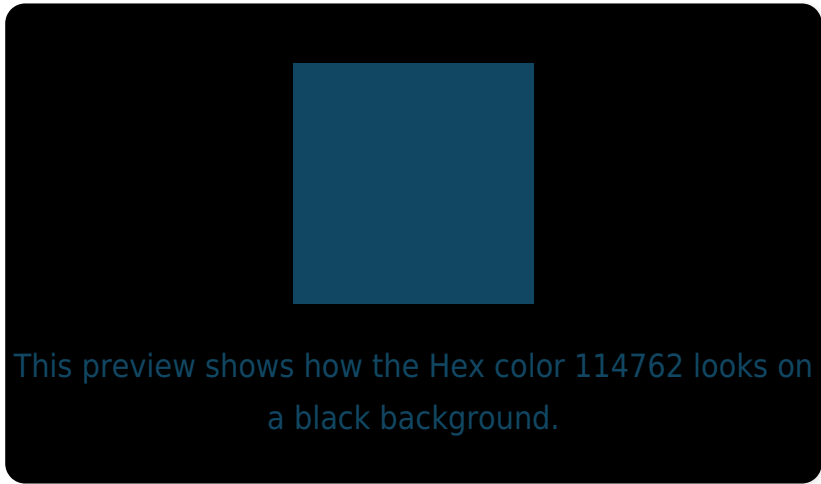
Large Text (above 18pt) WCAG AA ✓ Pass

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

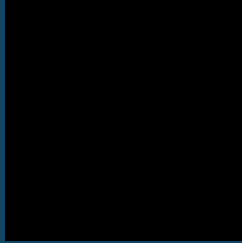
Any Text WCAG AA × Fail

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 114762 Background



This preview shows how black text looks on a background with the Hex color 114762.

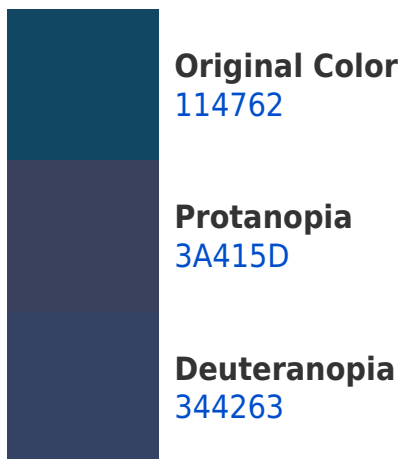



This preview shows how white text looks on a background with the Hex color 114762.

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
004A50

Trichromacy



Original Color
114762

Protanomaly
2B435F

Deuteranomaly
274463

Tritanomaly
064957

Monochromacy



Original Color
114762

Achromatopsia
3A3A3A

Achromatomaly
2B3F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 114762 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 #114762 looks like.

```
.text, #text, p{  
    color:#114762  
}
```

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 #114762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114762
}
```

Border

The CSS property to change the border of an element to Hex 114762 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
#114762 }
```

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

```
.border{ border-color:#114762 }
```

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

Here you see how a box with a 4 pixel #114762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114762; -webkit-box-shadow:4px 4px  
4px 4px #114762; box-shadow:4px 4px 4px  
4px #114762 }
```

Background

The CSS property to change the background color of an element to Hex 114762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114762 }
```

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

```
.background{ background-color:#114762 }
```

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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