

Converting Colors

Hex(114378)

Have a look what the booklet for
Hex(114378) contains.

Hex(114378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(114378)

Conversions

Conversions Part 1

Format	Color
Hex	114378
RGB	17, 67, 120
RGB Percent	7%, 26%, 47%
CMY	0.9333, 0.7373, 0.5294
CMYK	0.86, 0.44, 0.00, 0.53
HSL	211°, 75%, 27%
HSV	211°, 86%, 47%
XYZ	5.6285, 5.4895, 18.5322
YIQ	58.0920, -46.8130, 5.8830

Conversions

Conversions Part 2

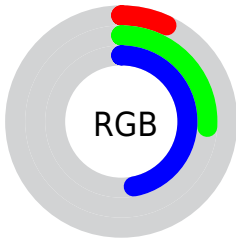
Format	Color
R_{YB}	17, 51, 120
Decimal	1131384
CIE _{Lab}	28.09, 4.86, -34.83
CIE _{LCh}	28, 35.164, 277.948
Yxy	5.4895, 0.1898, 0.1851
Android (android.graphics.Color)	4279321464 (0xFF114378)
YUV	58.0920, 30.5206, -36.0377
Hunter-Lab	23.4298, 1.8786, -30.4957

Details

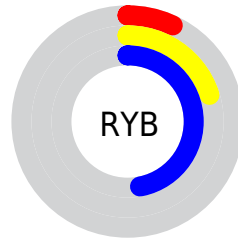
The Hex color **114378** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **784611**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5073AD**, and **001947** is the 20% darker color. If you saturate the color by 10%, you get **053D78**, and if you desaturate by 10%, it is **1D4978**.

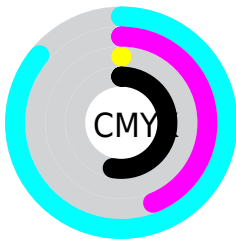
Distribution



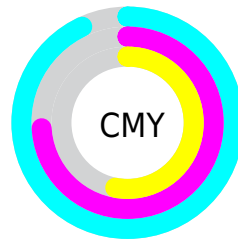
- Red (7%)
- Green (26%)
- Blue (47%)



- Red (7%)
- Yellow (20%)
- Blue (47%)



- Cyan (86%)
- Magenta (44%)
- Yellow (0%)
- Black (53%)



- Cyan (93%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114378 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 114378 by changing the saturation by 10% instead.

■ 114378

■ 114378

FFFFFF

■ 002D5F

■ 5073AD

■ 001947

■ 6B8CC8

■ 000430

■ 87A6E4

■ 00011A

■ A3C1FF

■ 000000

■ BFDDFF

■ DCFAFF

■ F9FFFF

■ 114378

■ 114378

■ 053D78

■ 1D4978

■ 003A78

■ 294F78

■ 355678

■ 415C78

■ 4D6278

■ 596878

■ 656E78

■ 717478

■ 7D7B78

Harmonies

Analogous

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



004B74



114378



4D386D

Triad

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



114378



6F2E22



004E2D

Complementary

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



114378



784611

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.



2C4A14



114378



60390D

Square

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



114378



73283C



494305



004F49

Rectangle

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



114378



61305F



494305



0D4D24

Sweetspot

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



114378



73879C



117844



37424F



CFCFCF



4F4F4F

Same Dimension

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



114378



004C9C



111178



373A3D



003D7D



007BFC

Inverse Universe

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



781143



9C004C



787811



3D373A



7D003D



FC007B

Previews

White Background



This preview shows how the Hex color 114378 looks on a white background.

Color Contrast Check

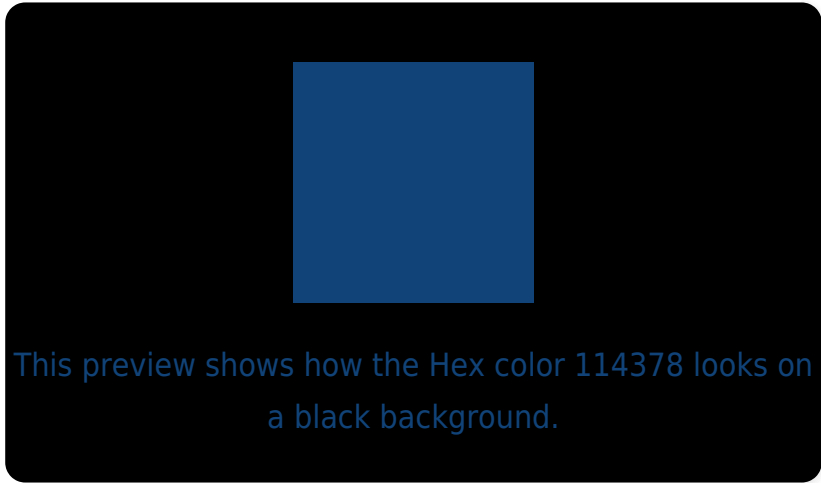
Large Text (above 18pt) WCAG AA ✓ Pass

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

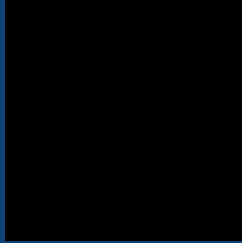
Any Text WCAG AA × Fail

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 114378 Background



This preview shows how black text looks on a background with the Hex color 114378.



This preview shows how white text looks on a background with the Hex color 114378.

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
004A4F

Trichromacy



Original Color
114378

Protanomaly
214277

Deuteranomaly
064478

Tritanomaly
06475E

Monochromacy



Original Color
114378

Achromatopsia
3A3A3A

Achromatomaly
2B3D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 114378 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 #114378 looks like.

```
.text, #text, p{  
    color:#114378  
}
```

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 #114378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114378
}
```

Border

The CSS property to change the border of an element to Hex 114378 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
#114378 }
```

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

```
.border{ border-color:#114378 }
```

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

Here you see how a box with a 4 pixel #114378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114378; -webkit-box-shadow:4px 4px  
4px 4px #114378; box-shadow:4px 4px 4px  
4px #114378 }
```

Background

The CSS property to change the background color of an element to Hex 114378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114378 }
```

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

```
.background{ background-color:#114378 }
```

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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