

Converting Colors

Hex(14575A)

Have a look what the booklet for
Hex(14575A) contains.

Hex(14575A)	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(14575A)

Conversions

Conversions Part 1

Format	Color
Hex	14575A
RGB	20, 87, 90
RGB Percent	8%, 34%, 35%
CMY	0.9216, 0.6588, 0.6471
CMYK	0.78, 0.03, 0.00, 0.65
HSL	183°, 64%, 22%
HSV	183°, 78%, 35%
XYZ	5.5421, 7.7033, 10.8676
YIQ	67.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

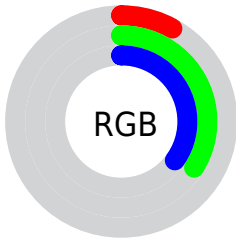
Format	Color
R_{YB}	20, 54, 90
Decimal	1333082
CIE _{Lab}	33.36, -18.86, -7.67
CIE _{LCh}	33, 20.361, 202.144
Yxy	7.7033, 0.2298, 0.3195
Android (android.graphics.Color)	4279523162 (0xFF14575A)
YUV	67.3090, 11.1867, -41.4900
Hunter-Lab	27.7548, -12.9276, -3.7872

Details

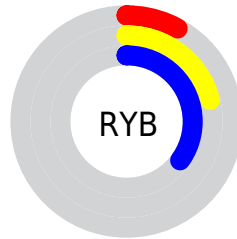
The Hex color **14575A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A1714**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4C898C**, and **00292D** is the 20% darker color. If you saturate the color by 10%, you get **0B575A**, and if you desaturate by 10%, it is **1D575A**.

Distribution



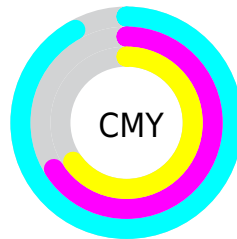
- Red (8%)
- Green (34%)
- Blue (35%)



- Red (8%)
- Yellow (21%)
- Blue (35%)



- Cyan (78%)
- Magenta (3%)
- Yellow (0%)
- Black (65%)



- Cyan (92%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14575A 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 14575A by changing the saturation by 10% instead.

■ 14575A

■ 14575A

FFFFFF

■ 003F43

■ 4C898C

■ 00292D

■ 67A4A6

■ 001518

■ 81BFC1

■ 000000

■ 9DDBDD

■ B9F7FA

■ D5FFFF

■ F2FFFF

■ 14575A

■ 14575A

■ 0B575A

■ 1D575A

■ 02565A

■ 26585A

■ 00565A

■ 2F585A

■ 38595A

■ 41595A

■ 4A595A

■ 535A5A

■ 5C5A5A

■ 655A5A

Harmonies

Analogous

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



26574A



14575A



185567

Triad

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



14575A



5F4662



5D4C2F

Complementary

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



14575A



5A1714

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.



694736



14575A



6B4253

Square

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



14575A



4A4C6C



6E4343



4D5130

Rectangle

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



14575A



28536D



6E4343



624A30

Sweetspot

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



14575A



5A7475



145A16



2A3A3B



BABABA



3B3B3B

Same Dimension

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



14575A



087175



14355A



292E2E



00696E



00E3ED

Inverse Universe

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



5A1457



750871



5A3914



2E292E



6E0069



ED00E3

Previews

White Background



This preview shows how the Hex color 14575A looks on a white background.

Color Contrast Check

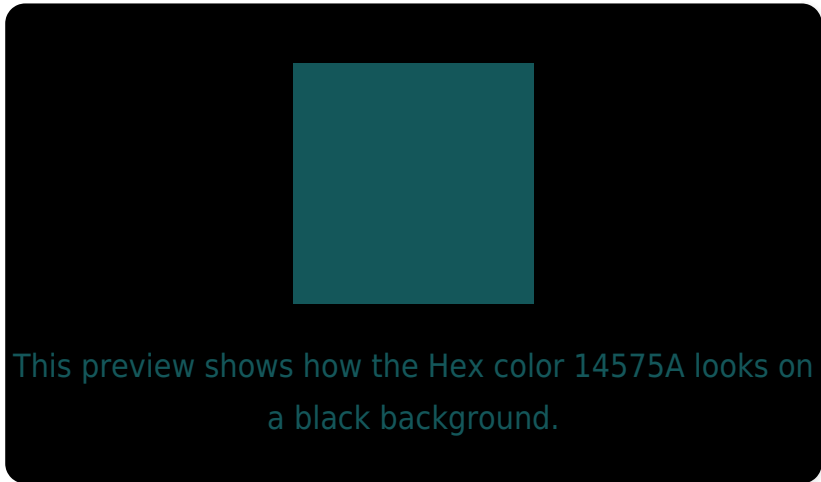
Large Text (above 18pt) WCAG AA ✓ Pass

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

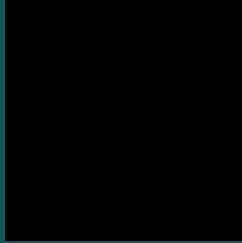
Any Text WCAG AA × Fail

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 14575A Background



This preview shows how black text looks on a background with the Hex color 14575A.



This preview shows how white text looks on a background with the Hex color 14575A.

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
14575A

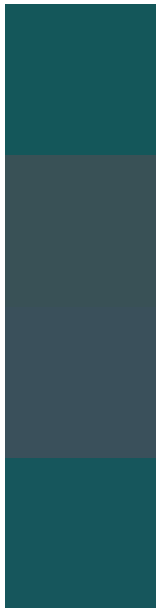
Protanopia
4E4E54

Deuteranopia
4F4C5C



Tritanopia
17565D

Trichromacy



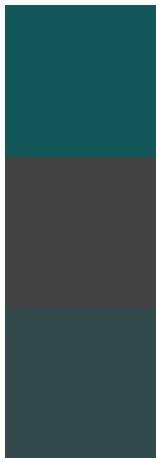
Original Color
14575A

Protanomaly
395156

Deuteranomaly
3A505B

Tritanomaly
16565C

Monochromacy



Original Color
14575A

Achromatopsia
434343

Achromatomaly
324A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 14575A 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 #14575A looks like.

```
.text, #text, p{  
    color:#14575A  
}
```

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 #14575A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14575A
}
```

Border

The CSS property to change the border of an element to Hex 14575A 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
#14575A }
```

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

```
.border{ border-color:#14575A }
```

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

Here you see how a box with a 4 pixel #14575A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14575A; -webkit-box-shadow:4px 4px  
4px 4px #14575A; box-shadow:4px 4px 4px  
4px #14575A }
```

Background

The CSS property to change the background color of an element to Hex 14575A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14575A }
```

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

```
.background{ background-color:#14575A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor