

Converting Colors

Hex(144A5A)

Have a look what the booklet for
Hex(144A5A) contains.

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Color

Hex(144A5A)

Conversions

Conversions Part 1

Format	Color
Hex	144A5A
RGB	20, 74, 90
RGB Percent	8%, 29%, 35%
CMY	0.9216, 0.7098, 0.6471
CMYK	0.78, 0.18, 0.00, 0.65
HSL	194°, 64%, 22%
HSV	194°, 78%, 35%
XYZ	4.5827, 5.7845, 10.5478
YIQ	59.6780, -37.3200, -6.4720

Conversions

Conversions Part 2

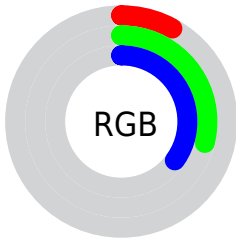
Format	Color
R_{YB}	20, 50, 90
Decimal	1329754
CIE _{Lab}	28.86, -11.39, -14.51
CIE _{LCh}	29, 18.441, 231.867
Yxy	5.7845, 0.2191, 0.2766
Android (android.graphics.Color)	4279519834 (0xFF144A5A)
YUV	59.6780, 14.9487, -34.7976
Hunter-Lab	24.0509, -8.0772, -9.1667

Details

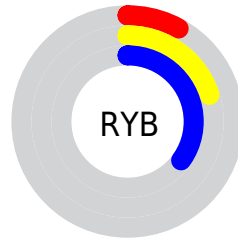
The Hex color **144A5A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5A2414**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4B7B8C**, and **001E2C** is the 20% darker color. If you saturate the color by 10%, you get **0B485A**, and if you desaturate by 10%, it is **1D4C5A**.

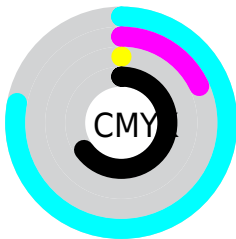
Distribution



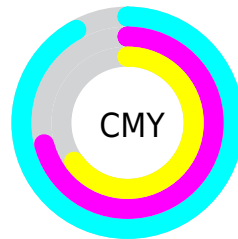
- Red (8%)
- Green (29%)
- Blue (35%)



- Red (8%)
- Yellow (20%)
- Blue (35%)



- Cyan (78%)
- Magenta (18%)
- Yellow (0%)
- Black (65%)



- Cyan (92%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 144A5A 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 144A5A by changing the saturation by 10% instead.



144A5A



144A5A

FFFFFF



003343



4B7B8C



001E2C



6595A6



000118



7FAFC2



000000



9ACBDE



B6E7FA



D2FFFF



FFFFFF



144A5A



144A5A

■ 0B485A

■ 1D4C5A

■ 02465A

■ 264E5A

■ 00455A

■ 2F505A

■ 38525A

■ 41545A

■ 4A565A

■ 53585A

■ 5C5A5A

■ 655D5A

Harmonies

Analogous

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



114C4E



144A5A



2A4760

Triad

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



144A5A



5D3949



434629

Complementary

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



144A5A



5A2414

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.



514228



144A5A



603A3A

Square

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



144A5A



523D56



5B3D2E



334A32

Rectangle

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



144A5A



394360



5B3D2E



484528

Sweetspot

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



144A5A



5A6F75



145A23



2A373B



BABABA



3B3B3B

Same Dimension

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



144A5A



085C75



14285A



292D2E



00556E



00B7ED

Inverse Universe

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



5A144A



75085C



5A4614



2E292D



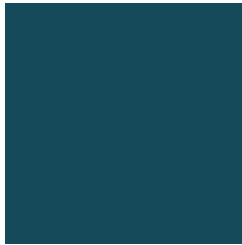
6E0055



ED00B7

Previews

White Background



This preview shows how the Hex color 144A5A looks on a white background.

Color Contrast Check

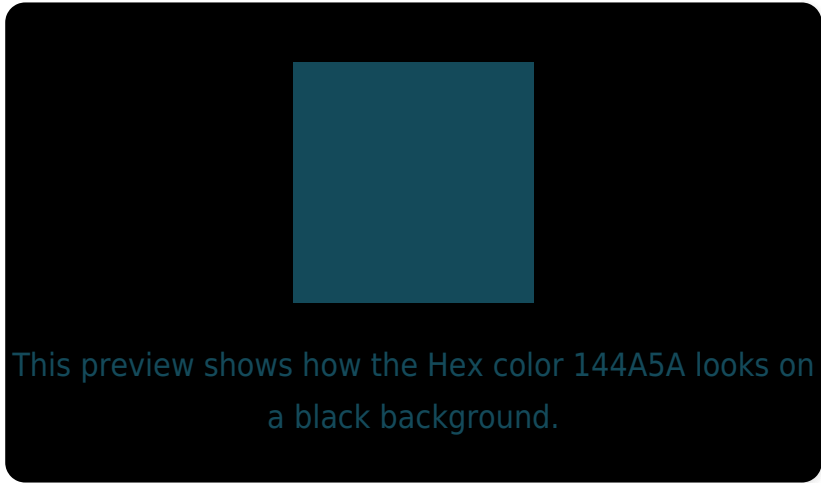
Large Text (above 18pt) WCAG AA ✓ Pass

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

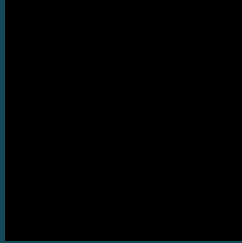
Any Text WCAG AA × Fail

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 144A5A Background



This preview shows how black text looks on a background with the Hex color 144A5A.



This preview shows how white text looks on a background with the Hex color 144A5A.

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
144A5A

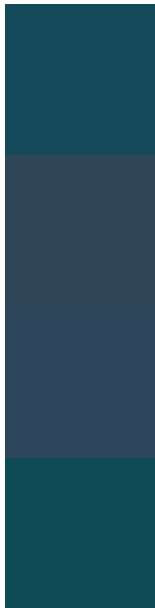
Protanopia
404355

Deuteranopia
3D435C



Tritanopia
0A4B52

Trichromacy



Original Color

144A5A

Protanomaly

304657

Deuteranomaly

2E465B

Tritanomaly

0E4B55

Monochromacy



Original Color

144A5A

Achromatopsia

3C3C3C

Achromatomaly

2D4147

CSS Examples

Text

The CSS property to change the color of the text to Hex 144A5A 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 #144A5A looks like.

```
.text, #text, p{  
    color:#144A5A  
}
```

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 #144A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144A5A
}
```

Border

The CSS property to change the border of an element to Hex 144A5A 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
#144A5A }
```

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

```
.border{ border-color:#144A5A }
```

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

Here you see how a box with a 4 pixel #144A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144A5A; -webkit-box-shadow:4px 4px  
4px 4px #144A5A; box-shadow:4px 4px 4px  
4px #144A5A }
```

Background

The CSS property to change the background color of an element to Hex 144A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144A5A }
```

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

```
.background{ background-color:#144A5A }
```

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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