

# Converting Colors

Hex(144A61)

Have a look what the booklet for  
Hex(144A61) contains.

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# Color

**Hex(144A61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	144A61
RGB	20, 74, 97
RGB Percent	8%, 29%, 38%
CMY	0.9216, 0.7098, 0.6196
CMYK	0.79, 0.24, 0.00, 0.62
HSL	198°, 66%, 23%
HSV	198°, 79%, 38%
XYZ	4.8949, 5.9093, 12.1919
YIQ	60.4760, -39.5670, -4.2950

# Conversions

## Conversions Part 2

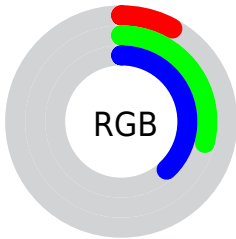
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 52, 97
Decimal	1329761
CIE Lab	29.18, -8.73, -18.50
CIE LCh	29, 20.452, 244.742
Yxy	5.9093, 0.2129, 0.2570
Android (android.graphics.Color)	4279519841 (0xFF144A61)
YUV	60.4760, 18.0063, -35.4975
Hunter-Lab	24.3092, -6.5979, -12.7196

# Details

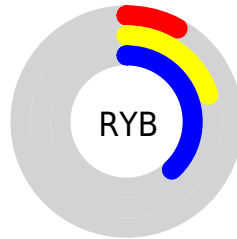
The Hex color **144A61** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **612B14**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4C7B94**, and **001E32** is the 20% darker color. If you saturate the color by 10%, you get **0A4761**, and if you desaturate by 10%, it is **1E4D61**.

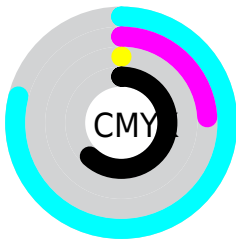
# Distribution



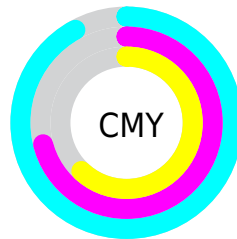
- Red (8%)
- Green (29%)
- Blue (38%)



- Red (8%)
- Yellow (20%)
- Blue (38%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (92%)
- Magenta (71%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144A61 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 144A61 by changing the saturation by 10% instead.



■ 144A61

■ 144A61

FFFFFF

■ 003349

■ 4C7B94

■ 001E32

■ 6694AE

■ 00021E

■ 81AFCA

■ 000000

■ 9CCAE6

■ B8E7FF

■ D4FFFF

■ F1FFFF

■ 144A61

■ 144A61

■ 0A4761

■ 1E4D61

■ 014461

■ 275061

■ 004461

■ 315361

■ 3B5661

■ 445861

■ 4E5B61

■ 585E61

■ 626161

■ 6B6461

# Harmonies

## Analogous

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



004D56



144A61



324564

# Triad

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



144A61



633843



3C492A

# Complementary

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



144A61



612B14

# 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.



4D4525



144A61



623A34

# Square

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



144A61



5B3B53



5A3F28



284C37

# Rectangle

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



144A61



434261



5A3F28



424827



# Sweetspot

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



144A61



5F747D



14612A



2D3A40



BFBFBF



404040



# Same Dimension

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



144A61



06597D



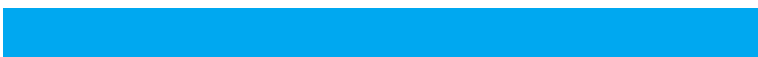
142561



2C2F30



004F70



00A8F0



# Inverse Universe

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



61144A



7D0659



615014



302C2F



70004F

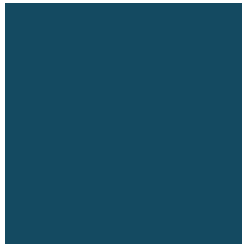


F000A8



# Previews

## White Background



This preview shows how the Hex color 144A61 looks on a white background.

## Color Contrast Check

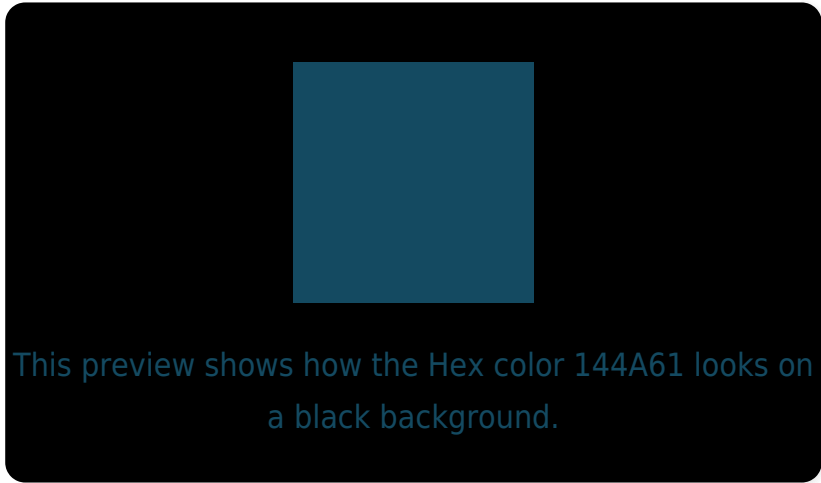
Large Text (above 18pt) WCAG AA ✓ Pass

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

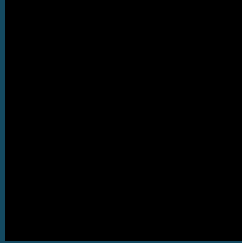
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 144A61 Background



This preview shows how black text looks on a background with the Hex color 144A61.

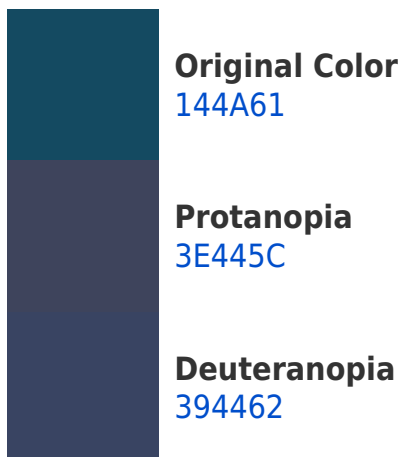


This preview shows how white text looks on a background with the Hex color 144A61.

# 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](#).

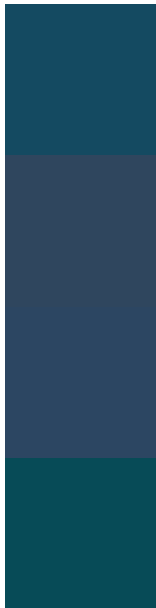
## Dichromacy





**Tritanopia**  
004C52

# Trichromacy



**Original Color**  
144A61

**Protanomaly**  
2F465E

**Deuteranomaly**  
2C4662

**Tritanomaly**  
074B57

# Monochromacy



**Original Color**  
144A61

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2D4149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144A61 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 #144A61 looks like.

```
.text, #text, p{  
    color:#144A61  
}
```

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 #144A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144A61
}
```

## Border

The CSS property to change the border of an element to Hex 144A61 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
#144A61 }
```

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

```
.border{ border-color:#144A61 }
```

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

Here you see how a box with a 4 pixel #144A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144A61; -webkit-box-shadow:4px 4px  
4px 4px #144A61; box-shadow:4px 4px 4px  
4px #144A61 }
```

# Background

The CSS property to change the background color of an element to Hex 144A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144A61 }
```

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

```
.background{ background-color:#144A61 }
```

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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