

Converting Colors

Hex(164E43)

Have a look what the booklet for
Hex(164E43) contains.

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Color

Hex(164E43)

Conversions

Conversions Part 1

Format	Color
Hex	164E43
RGB	22, 78, 67
RGB Percent	9%, 31%, 26%
CMY	0.9137, 0.6941, 0.7373
CMYK	0.72, 0.00, 0.14, 0.69
HSL	168°, 56%, 20%
HSV	168°, 72%, 31%
XYZ	4.0684, 6.0246, 6.2586
YIQ	60.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

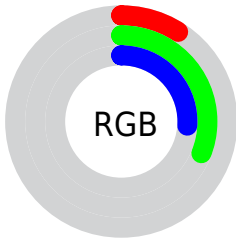
Format	Color
RYB	22, 53, 78
Decimal	1461827
CIELab	29.47, -21.11, 1.22
CIELCh	29, 21.142, 176.696
Yxy	6.0246, 0.2488, 0.3684
Android (android.graphics.Color)	4279651907 (0xFF164E43)
YUV	60.0020, 3.4500, -33.3278
Hunter-Lab	24.5451, -13.3672, 2.0635

Details

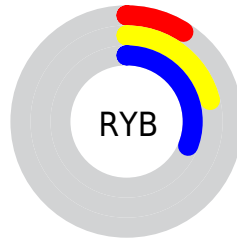
The Hex color **164E43** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E1621**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4A7F73**, and **002218** is the 20% darker color. If you saturate the color by 10%, you get **0E4E41**, and if you desaturate by 10%, it is **1E4E45**.

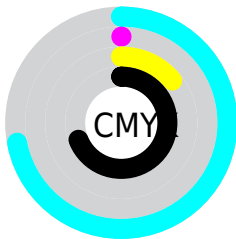
Distribution



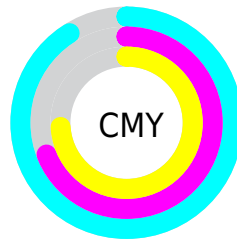
- Red (9%)
- Green (31%)
- Blue (26%)



- Red (9%)
- Yellow (21%)
- Blue (31%)



- Cyan (72%)
- Magenta (0%)
- Yellow (14%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 164E43 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 164E43 by changing the saturation by 10% instead.

■ 164E43

■ 164E43

FFFFFF

■ 00372D

■ 4A7F73

■ 002218

■ 639A8C

■ 000000

■ 7DB5A7

■ 98D0C2

■ B3EDDE

■ CFFFA

■ ECF

■ 164E43

■ 164E43

■ 0E4E41

■ 1E4E45

■ 064E40

■ 264E46

■ 004E3F

■ 2D4E48

■ 354E49

■ 3D4E4B

■ 454E4C

■ 4D4E4E

■ 544E4F

■ 5C4E51

Harmonies

Analogous

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



2E4C33



164E43



004E54

Triad

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



164E43



454263



5E3E2B

Complementary

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



164E43



4E1621

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.



653A38



164E43



583C58

Square

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



164E43



294866



633948



524424

Rectangle

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



164E43



004D5D



633948



613C2E

Sweetspot

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



164E43



506662



214E16



263330



B3B3B3



333333

Same Dimension

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



164E43



0E6655



163D4E



222625



006652



00E6B8

Inverse Universe

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



4E1621



660E20



4E2716



262223



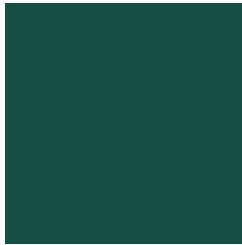
660014



E6002D

Previews

White Background



This preview shows how the Hex color 164E43 looks on a white background.

Color Contrast Check

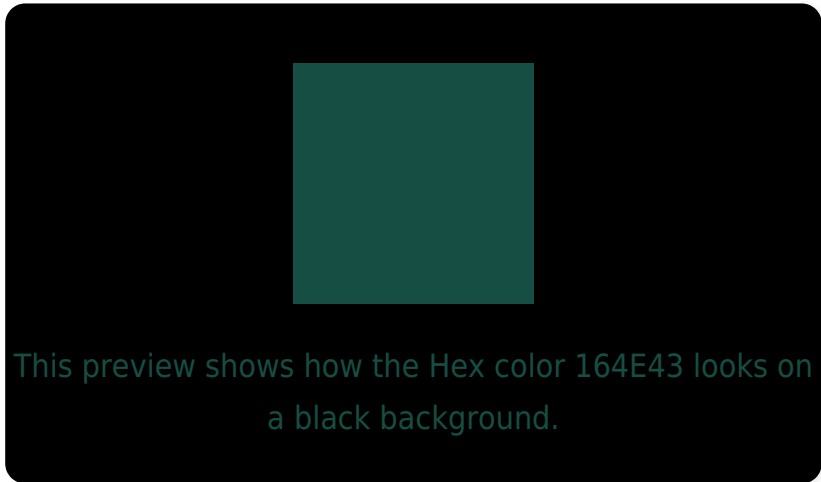
Large Text (above 18pt) WCAG AA ✓ Pass

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

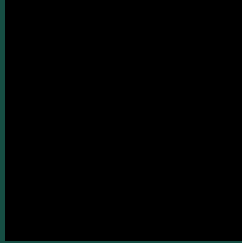
Any Text WCAG AA × Fail

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 164E43 Background



This preview shows how black text looks on a background with the Hex color 164E43.



This preview shows how white text looks on a background with the Hex color 164E43.

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
164E43

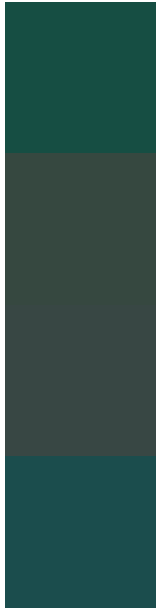
Protanopia
48453E

Deuteranopia
4C4345



Tritanopia
1E4C52

Trichromacy



Original Color
164E43

Protanomaly
364840

Deuteranomaly
384744

Tritanomaly
1B4D4D

Monochromacy



Original Color
164E43

Achromatopsia
3C3C3C

Achromatomaly
2E433F

CSS Examples

Text

The CSS property to change the color of the text to Hex 164E43 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 #164E43 looks like.

```
.text, #text, p{  
    color:#164E43  
}
```

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 #164E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164E43
}
```

Border

The CSS property to change the border of an element to Hex 164E43 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
#164E43 }
```

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

```
.border{ border-color:#164E43 }
```

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

Here you see how a box with a 4 pixel #164E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164E43; -webkit-box-shadow:4px 4px  
4px 4px #164E43; box-shadow:4px 4px 4px  
4px #164E43 }
```

Background

The CSS property to change the background color of an element to Hex 164E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164E43 }
```

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

```
.background{ background-color:#164E43 }
```

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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