

Converting Colors

Hex(163742)

Have a look what the booklet for
Hex(163742) contains.

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Color

Hex(163742)

Conversions

Conversions Part 1

Format	Color
Hex	163742
RGB	22, 55, 66
RGB Percent	9%, 22%, 26%
CMY	0.9137, 0.7843, 0.7412
CMYK	0.67, 0.17, 0.00, 0.74
HSL	195°, 50%, 17%
HSV	195°, 67%, 26%
XYZ	2.6804, 3.2963, 5.6492
YIQ	46.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

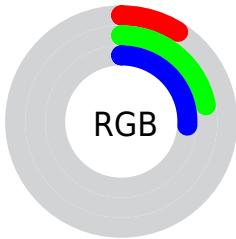
Format	Color
R _Y B	22, 41, 66
Decimal	1455938
CIE Lab	21.19, -8.12, -10.47
CIE LCh	21, 13.251, 232.183
Yxy	3.2963, 0.2306, 0.2835
Android (android.graphics.Color)	4279646018 (0xFF163742)
YUV	46.3870, 9.6692, -21.3874
Hunter-Lab	18.1557, -5.4195, -5.7394

Details

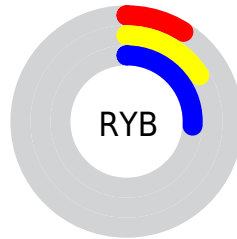
The Hex color **163742** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422116**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **466672**, and **000918** is the 20% darker color. If you saturate the color by 10%, you get **0F3542**, and if you desaturate by 10%, it is **1D3942**.

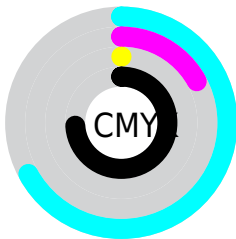
Distribution



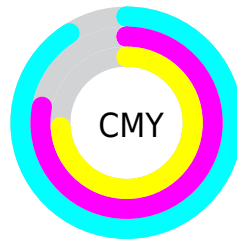
- Red (9%)
- Green (22%)
- Blue (26%)



- Red (9%)
- Yellow (16%)
- Blue (26%)



- Cyan (67%)
- Magenta (17%)
- Yellow (0%)
- Black (74%)



- Cyan (91%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 163742 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 163742 by changing the saturation by 10% instead.

■ 163742

■ 163742

FFFFFF

■ 00222C

■ 466672

■ 000918

■ 5F7F8B

■ 000000

■ 7899A6

■ 93B4C1

■ AECFDD

■ C9EBF9

■ E6FFFF

■ 163742

■ 163742

■ 0F3542

■ 1D3942

■ 093442

■ 233A42

■ 023242

■ 2A3C42

■ 003242

■ 303E42

■ 373F42

■ 3E4142

■ 444342

■ 4B4442

■ 514642

Harmonies

Analogous

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



14383A



163742



223546

Triad

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



163742



442C36



323521

Complementary

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



163742



422116

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.



3C3120



163742



462C2C

Square

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



163742



3D2E3F



432E24



273727

Rectangle

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



163742



2C3246



432E24



363420

Sweetspot

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



163742



455257



164221



21292B



ABABAB



2B2B2B

Same Dimension

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



163742



114557



162142



1E2021



004961



00A8E0

Inverse Universe

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



421637



571145



423716



211E20



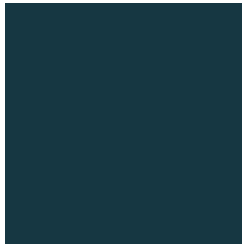
610049



E000A8

Previews

White Background



This preview shows how the Hex color 163742 looks on a white background.

Color Contrast Check

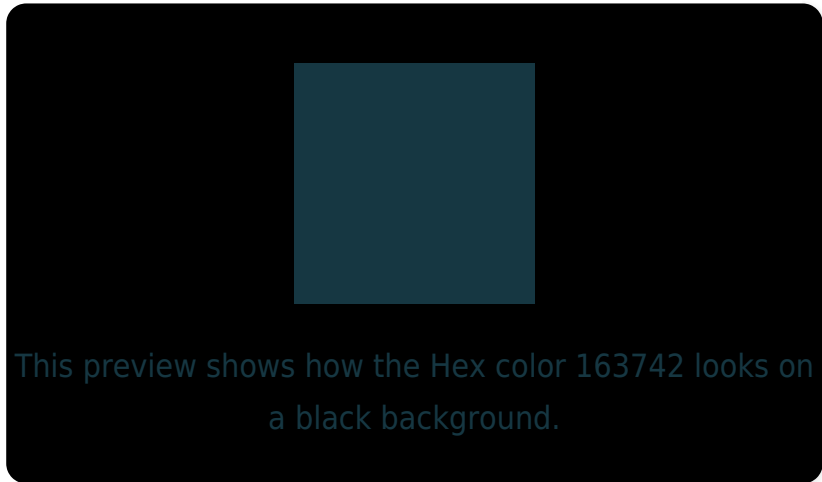
Large Text (above 18pt) WCAG AA ✓ Pass

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

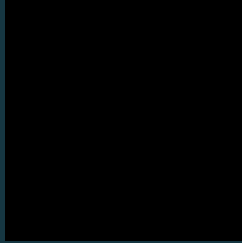
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

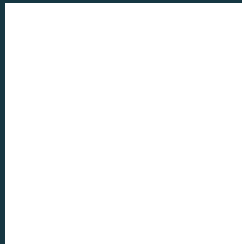
Any Text WCAG AAA × Fail

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

Hex 163742 Background



This preview shows how black text looks on a background with the Hex color 163742.



This preview shows how white text looks on a background with the Hex color 163742.

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
163742

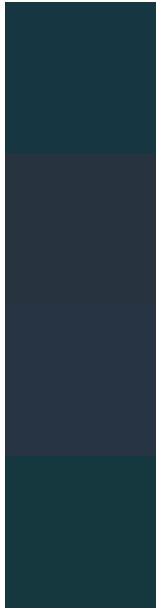
Protanopia
30323F

Deuteranopia
2F3243



Tritanopia
13383C

Trichromacy



Original Color
163742

Protanomaly
273440

Deuteranomaly
263443

Tritanomaly
14383E

Monochromacy



Original Color
163742

Achromatopsia
2E2E2E

Achromatomaly
253135

CSS Examples

Text

The CSS property to change the color of the text to Hex 163742 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 #163742 looks like.

```
.text, #text, p{  
    color:#163742  
}
```

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 #163742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #163742
}
```

Border

The CSS property to change the border of an element to Hex 163742 is called "border". The border property can be set on classes, ids or directly on the HTML element.

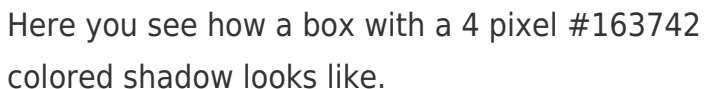
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#163742 }
```

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

```
.border{ border-color:#163742 }
```

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



Here you see how a box with a 4 pixel #163742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #163742; -webkit-box-shadow:4px 4px  
4px 4px #163742; box-shadow:4px 4px 4px  
4px #163742 }
```

Background

The CSS property to change the background color of an element to Hex 163742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#163742 }
```

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

```
.background{ background-color:#163742 }
```

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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